STATE OF MARYLAND

DEPARTMENT OF EDUCATION

Fifty-Seventh Annual Report

OF THE

State Board of Education

SHOWING CONDITION

OF THE

Public Schools of Maryland

FOR THE

YEAR ENDING JULY 31, 1923

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LETTER OF TRANSMITTAL

March 1, 1924.

Honorable Albert C. Ritchie,
Governor of the State of Maryland,
Annapolis, Maryland.

My dear Governor Ritchie:

We herewith transmit to you the Fifty-seventh Annual Report of the State Board of Education for the school year ending July 31, 1923.

Respectfully,

Henry M. Fitzhugh, *President;*
Thomas H. Chambers,
Stuart S. Janney,
J. M. T. Finney,
Edgar W. McMaster,
Albert S. Cook,
Secretary and Treasurer.

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FOREWORD

This report is not a mere summarized tabulation of figures giving the usual information concerning buildings, schools, pupils, teachers, and finances, but *a careful analysis of all of the measurable facts available for each county school system.* The facts have been presented in percentages, ratios and per pupil costs, by means of tables, graphs, and charts, making possible a comparison of each county with its neighbors and the remaining counties of the State. Each county therefore has, year by year, the benefit of the experience of every other county on every item of school practice or school finance under examination.

Since the annual report is made up through an analysis of the summarized data furnished by the co-operation of every teacher, county school official, normal school principal, and member of the State Department of Education, it merits careful study. It deals with practically every type of administrative problem and is therefore of vital interest to those who contributed data for the report and to all interested citizens.

We have not been able to publish all of the material sent to us, but we have on file at the office of the State Department of Education all of the basic data and will be glad to furnish them to the interested public on request.

As soon as the report is published, it is analyzed from the point of view of each county superintendent and a letter summarizing the status of each county is sent to each county superintendent by the State Superintendent. Most of the superintendents have found the facts presented helpful in planning their administrative programs, in making up their budgets, and in giving an account of the work of their county schools to their own public.

The report answers the following questions as well as others:

What Part Do the Members of the State Department of Education Take in Improving Instruction and Conditions in the Schools?
See pages 9-17.

Is There a Measuring Rod for General Educational Efficiency?
See page 18.

What does it measure?
See page 19.

How do Maryland and each individual county meet this standard?
See pages 20-27 *and pages* 208-213.

Have the State and each county moved forward since 1918? How much?
See pages 18-21.

How Many Children Must Be Provided For in the Public Schools?
See page 28 *and pages* 216-218.

Is the number growing or decreasing?
See pages 28 *to* 31.

Which counties are growing and therefore in need of additional buildings, teachers, supplies, and funds to care for the larger number of children?
See page 29.

Where is the growth taking place? In high schools, grammar grades, primary grades, or rural schools? What effect does this growth have on the cost of schools?
See page 28 *and pages* 120-122 *and page* 141.

Have high school opportunities been distributed more widely throughout the counties?
See pages 30-35.

How many graduates are leaving the elementary schools? The high schools? The normal schools?
See pages 58-59, 52-54, *and page* 190.

Are the high schools carrying more boys and girls to graduation than ever before? If so, why?
See pages 53-54.

How many pupils are failing in their work and what are the causes?
See pages 56 *and* 57, *and pages* 60-63.

Do High School Graduates Enter the Normal Schools to Become Teachers?
See page 55, *and pages* 194-196.

How many high school graduates go to the normal schools?
See page 55.

Where do the graduates of Maryland normal schools teach?
See pages 191-193.

How do these normal school graduates contribute to the improvement of the State's teaching staff?
See pages 75-83.

How Well Do Maryland Schools Teach Reading and Arithmetic?
See pages 68-69, *and pages* 226 *to* 231.

What progress are the schools making in teaching reading and arithmetic, as measured by results in standard tests?
See pages 68-69, *and pages* 226-231.

What courses are offered in high schools?
See pages 64-67, 170-175, *and pages* 238-243.

How long are the schools open?
See pages 39-43 *and page* 217.

How faithfully do pupils attend school?
See pages 44-51 *and page* 218.

Is the Equalization Fund Increasing the Number of Trained Teachers as Rapidly as Expected.
See pages 75-83.

What is the size and training of the teaching staff?
See pages 75-83.

How does this compare with conditions in previous years?
See pages 75-83.

How long do Maryland teachers stay in the profession?
See pages 92-99.

How many men are teaching in our elementary and high schools?
See pages 100-101 *and page* 219.

How many Maryland county teachers attend summer school and where do they go?
See pages 101-103.

What salaries are paid to county teachers?
See pages 115-119.

How Much Money Was Spent on the Education of Maryland's Children in 1923?
See pages 120-121 *and page* 248.

How much of this is paid for by the State as a whole?
See pages 123-128.

What is the cost to each Maryland inhabitant? Is it too much?
See pages 122-123.

What does each pupil cost?
See pages 135-152.

How is each dollar used for school purposes spent?
See pages 129-131.

What is the effect of size of class on school costs?
See pages 104-114, *and* 145-147.

How much is spent on overhead costs? Overhead per pupil?
See pages 131-132, *and* 249-250.

Does supervision pay for itself by its accomplishments?
See page 72, *page* 139, *page* 250.

How does the number of supervisors in Maryland compare with the number in towns and cities elsewhere?
See page 72 *and page* 219.

Why is transportation of pupils needed and what does it cost?
See pages 132-134.

What is spent on books and supplies?
See page 139 *and page* 250.

Are the larger schools less expensive than the one- and two-teacher schools? Why?
See page 109 *and page* 147.

Is it possible to give children greater opportunities in the larger schools?
See pages 48, 50, 51, 60-63, 68-69, 78-82, 92, 95, 99, 108-113, 118-119, 132-133, 147-151, 153-155, 226-231.

County School Tax Rates

What is the school tax rate in each county? How does it compare with expenditures for purposes other than schools?
See pages 161-164.

How does the State aid the counties in financial support of the schools?
See page 247 *and pages* 123-126.

What is Maryland's Equalization Fund and how is its amount determined?
See pages 127-128 *and page* 247.

In what ways has it benefited Maryland counties in 1923?
See pages 21, 22, 25, 78-81, 123, 131, 137-138.

What Additional Facts Would You Like to Know about Your Schools?

If you will let the State Department of Education know what they are, and if the facts are available and measurable, they will gladly be furnished to anyone who shows his interest by requesting them.

ALBERT S. COOK,
State Superintendent of Schools.

OBJECTIVES OF MEMBERS OF STATE DEPARTMENT OF EDUCATION FOR 1923-24

The State Superintendent

The State Superintendent will keep in close touch with all activities of the Department, and perform all of the functions of the Department required of him by the State School Law that he has not specifically delegated to his professional assistants.

I. Assist members of the Department in keeping the main purposes of the State Program for Education before the people of the State:

1. By speaking before State-wide and county-wide organizations
2. By giving out statements to the press concerning the schools
3. By reading critically all material for courses of study, bulletins, reports, circular letters, etc., before they are issued
4. By assisting in the preparation of material for publication and suggesting sources of material for bulletins.

II. Keep in close personal touch with administration and supervision in the various counties:

1. By personal visitation with county superintendents and supervisors
2. By discussing in detail the findings of his professional assistants on their supervisory visits
3. By studying carefully all statistical studies made by the Department which give the relative standing of each county in the measurable administrative and supervisory activities, including both educational and financial items
4. By conducting or assisting in conducting all called meetings of the Department with county school officials.

III. Prepare the final draft of the Budget for approval of the State Board before submitting same to the Governor.

The Assistant Superintendent

I. Organization and supervision of extension courses for teachers

II. Assistance to attendance officers in perfecting ways of stimulating school attendance

III. Continued attention to the improvement of the physical condition of rural school buildings, and encouragement to counties to bring more of their rural schools up to the "standard school" rating

IV. With the assistance of Supervisor Gibson, emphasis upon central closing exercises for elementary schools in the various counties

V. Assistance to the counties in their study of problems of consolidation of schools

VI. Furtherance of the interests of the State Normal School at Salisbury by:

1. Assisting in the supervision of building construction.
2. Securing candidates for faculty positions.
3. Recruiting students, for which purpose all of the first group high schools on the Eastern Shore will be visited.

The Supervisor of Elementary Schools

I. To achieve standard results in silent reading and reasoning in arithmetic this school year; also improvement in handwriting to the point of legibility in all written work of every child in every grade. (Pursuant to this, a plan will be presented at the conference by which standardized tests in reading and arithmetic may be given in every county in October and May, the State Department furnishing the tests. Details of giving and scoring the tests will be furnished the counties; also specific aid will be given for interpreting results and for planning remedial measures.)

II. A group schedule in use in every one-teacher school in every county.

III. The gradual elimination of the excessive number of over-age pupils in each county; each county should set up a definite goal for the year.

IV. Teachers' meetings throughout the State to be conducted on a higher professional plane in accordance with the principles laid down in the September, 1923, bulletin, entitled "Worthwhile Teachers' Meetings."

V. More frequent visits from the State supervisor to the county supervisors for mutual encouragement and help; also for the purpose of utilizing the strength of all the supervisors for the benefit of each one of them.

VI. The publication of a bulletin, entitled "School Publicity—A Professional Opportunity and Obligation," which will offer concrete suggestions and concrete material designed to inform the public of what the schools of Maryland are actually accomplishing.

The High School Supervisors

I. Continuance of the administrative aspects of the work—*i. e.*, studying each high school with regard to:

1. Library facilities
2. Laboratory equipment
3. Curriculums offered
4. Daily schedule
5. Units offered
6. Distribution of principal's time
7. Size of classes
8. Efficiency of record system
9. Extra-curricular activities.

II. Continuance of the regional principals' conferences, a demonstration lesson to be taught by a principal at each meeting. Schedule to be arranged later.

III. Attendance, as far as possible, upon the meetings of the county high school teachers' associations; assisting the officers in planning the programs for these meetings, etc.

IV. Stressing, with each principal, the importance of the number and character of his regular stated professional faculty meetings.

V. Stimulating and checking up on the professional attitude of each high school principal by filling out, after February 1, 1924, in the presence of the principal, the questionnaire discussed at the department conference held on September 7.

VI. Attendance, when possible, upon professional faculty meetings in individual schools.

VII. Making sure that, so far as is possible, every high school teacher is taking and studying at least one professional journal.

VIII. Keeping the county superintendents in close touch with the work and progress of their respective high schools.

IX. Pursuance, as heretofore, of the helpful professional supervision of actual classroom instruction; and, in furtherance of this aspect of our work, we propose the procedure following (see XII. below).

X. Preparation of a Mathematics Bulletin and of a Social Science Bulletin.

XI. Revision and reprinting of the History Bulletin.

XII. Administering certain standardized high school tests this autumn and next spring, the State to furnish the tests this autumn; the counties to furnish the tests next spring; the supervisors to give the tests, the principals and faculties, after instruction, to score the tests and return them to the supervisors, and results to be made known at such times and in such ways as may seem most useful.

The Statistician, Bureau of Educational Measurements

I. Analysis of facts in new annual reports from county superintendents for the year 1922-1923 showing for various types of schools the following:

1. Source of enrollment
2. Causes of late entrance
3. Causes of withdrawal
4. Aggregate days attended and belonging, average number attending and belonging, and per cent of attendance for the year and each month
5. Days in session
6. Substitute service
7. Number of pupils attending various numbers of days who were transported at public expense and not so transported and causes of long absence
8. Number of boys and girls promoted and not promoted in each grade and causes of non-promotion
9. Courses and special subjects taken by boys and girls in high school.

II. Analysis of data showing number of buildings, schools, and teachers; receipts and disbursements for all schools and schools of various types; cost per pupil; average salary per teacher, etc.

III. Computation of the 1922-1923 index number for Maryland schools.

IV. Preparation of the Annual Report for the school year 1922-1923.

V. Analysis of certification, experience, and salary status of teachers, and the number of teachers required in the various counties as of October 15, 1923, as a basis for figuring the Equalization Fund for 1925, 1926, and 1927. These figures will be included in the budget to be presented to the Legislature.

VI. Age-grade study as of November 30, 1923, with comparison with 1922, to show improvement in elimination of over-age pupils.

VII. Letter to be sent to each county superintendent analyzing the Annual Report from the point of view of each superintendent.

VIII. Letter to be sent to each county superintendent analyzing the age grade study from the point of view of each superintendent.

IX. Analysis of results of tests given to date and during 1923-1924.

X. Working in co-operation with a committee of superintendents to make plans for taking a school census in 1924.

XI. Analysis of monthly data on average number attending and belonging and per cent of attendance to be furnished the State office each month by each county superintendent and data for all counties to be promptly returned to each superintendent to stimulate improvement in attendance.

XII. Follow up to see that there is a more accurate recording of facts regarding child accounting and attendance by every teacher, with a regular check by the attendance officer to see that it is done.

The State Supervisor of Music

I. Plans for training the elementary teachers who are in service:

1. Through class demonstration teaching in the county schools:

(a) By the State supervisor, with the co-operation of each of the county elementary supervisors, for the purpose of training certain elementary teachers to give class demonstration teaching to all elementary teachers, either in groups or in the entire body.

(b) By the elementary teachers who have been trained for this purpose by the State supervisor and county supervisors. It is the plan to have at least two periods of this demonstration class teaching of music given during the school year in each of the counties before all the elementary teachers.

(c) By the regular elementary supervisors of the counties who can carry on this work themselves or can do so with the assistance given them by the State supervisor.

2. Through advising elementary teachers to study elementary music in summer schools. For the past three years, courses in elementary music have been given in all Maryland summer schools, and no doubt these courses will continue to be offered from year to year.

II. Extending and improving the teaching of music in all high schools, especially in those now equipped for the teaching of the subject on a credit basis:

1. By placing in these schools a copy of the "Tentative Course in Music for the High Schools of Maryland," which is now ready to be sent out.

2. By working out with the teachers of music lesson plans and by doing class demonstration teaching in the presence of the less experienced teachers.
3. By advising how to have the music activities of the high schools function to the social and civic advantage of their communities.
4. By urging more high school teachers to prepare to teach high school music. For the first time, courses in high school music were offered this past year at the University of Maryland and at the Johns Hopkins summer schools. Approximately thirty of the high school teachers from the counties studied music in these summer schools. These courses will, no doubt, be continued, and they are a real opportunity for the improvement of the teaching of music in the high schools of the State.
5. By assisting in the organization of additional orchestras in the high schools and also cornet bands in any high schools where the community interests make it practicable to do so.

III. Assisting in extending and establishing wholesome and useful music activities in the homes and in the community centers:

1. By conferring with clubs and special committees on musical features of social and civic programs.
2. By conducting community singing whenever possible to do so.
3. By developing local song leaders for the different community centers.
4. By advising with teachers as to how the music training and appreciation developed in the schools may be made to carry over into the homes and community clubs.
5. By enlisting the interest of parents and patrons in music memory tests, in school concerts, in high school orchestras, etc.

As a step toward discovering whether the lack of a singing voice on the part of so many teachers is the result of lack of training, it is proposed to test all girls who enter the junior classes at the two State Normal Schools this year for the purpose of finding the non-singers. It is believed that comparatively few will prove to be in this group, and that nearly all of these can, under special, individual training, develop sufficient voice necessary to teach some music in the elementary schools. While this is logically a part of the work of the teachers of music in the normal schools, it seems advisable that, since this is the first test of the kind, and in a way, an experiment, the State supervisor should be present during the tests.

The Supervisor of Colored Schools

I. Try to get teachers to keep an "achievement book" in at least two subjects. Material collected from this source to be used as a basis for courses of study in the negro schools.

II. Endeavor to have teachers plan their work daily as an aid to better classroom procedure.

III. Aid in the planning of effective teachers' meetings.

IV. Strive to reduce retardation.

V. Assist in testing negro pupils in silent reading in October and again in April.

VI. Arrange for extension courses for negro teachers under the direction of Mr. Holloway.

VII. Direct emphasis during the year upon the subjects of geography and silent reading.

VIII. Encourage negroes to raise money to aid in the securing of Rosenwald schools and of equipment.

IX. Make an effort to bring about improvement in the premises of negro schools.

The Director of Vocational Education

I. To extend the opportunity for vocational education to a larger number of people of Maryland.

II. To assist in securing additional State appropriations for vocational education:

1. Amounts of funds available and expenditures, 1922-23.

	Available	Expenditures	Balance
Federal	$61,766	$44,930	$16,836
State	15,000	15,000	.....

2. Amounts of Federal funds available for 1923-26:

1923-24	$68,623
1924-25	82,337
1925-26	96,051

III. Plans for the development of vocational education during 1923-24.

1. Agricultural Education

a. Complete the organization of the 13 new departments of vocational agriculture.
b. Supervise carefully the 34 departments of vocational agriculture.
c. Stress the following in connection with departments of agriculture:
   (1) Better methods of teaching.
   (2) Correlation of farm shop with subject matter.
   (3) More adequate project supervision.
   (4) Organization and supervision of junior projects.
   (5) The conducting of judging contests.
   (6) The holding of community days.
   (7) The use of illustrative material.
   (8) The necessity for an advisory committee.
   (9) Adapting subject matter to community needs.
d. Co-operate with Mr. H. F. Cotterman in the training of teachers of vocational agriculture.

e. Improvement of teachers in service.
   (1) Through State and district conferences.
   (2) Through agricultural section of State Teachers' Association.

f. Publications.
   (1) Prepare a course of study in vocational agriculture.
   (2) Make revisions in such forms as may become exhausted during year.

2. Home Economics Education.

a. Visit each department of vocational home economics.
b. Co-operate with Miss McNaughton, teacher trainer and supervisor, in developing the vocational home economics program.
   (1) Assist in organizing new departments.
   (2) Assist in conducting State conference.
c. Co-operate with Mr. Sylvester and Miss Zuill in developing vocational home economics in Baltimore City.

3. Industrial Education.

a. Visit each school at least twice during the year.
b. Co-operate with Mr. Sylvester and his colleagues in further developing the industrial program in Baltimore City.
c. Co-operate with Mr. George S. Sanders in developing the industrial program throughout the State.

4. Miscellaneous.

a. Prepare State plan for vocational education.
b. Prepare financial, statistical, and descriptive reports for State and Federal boards.
c. Prepare such articles for the press as may be necessary and timely.
d. Attend such meetings as may be necessary for the promotion and development of vocational education.
e. Office work, correspondence, collecting and disseminating information.

IV. To co-operate with and secure, if possible, the co-operation of all educational, agricultural, and industrial agencies of the State.

The Credential Secretary

I. To settle as promptly as possible all certificate applications.

II. To help formulate a scheme for placing the issuance of elementary school teachers' certificates on a school credit basis.

III. To prepare for the information of the teachers a careful outline of the changes in certificate requirements when they have been finally adopted.

IV. To make for the annual report studies of certification during the year 1922-23, and of the results of the efforts to improve the certification of high school teachers, with a view to stimulating better conditions.

V. To check the certificate of the high school teachers of the State for the year 1923-24, and to follow this up with whatever action is necessary to see that every secondary teacher holds a valid certificate for the year.

VI. To make a similar check, if possible, in connection with the elementary teachers, in order to see that a larger number of the teachers are properly certificated and to emphasize the importance of having every teacher in the State certificated.

VII. To make a comparative study, by counties, of the preparation of the provisionally certificated high school teachers and of the number of years such teachers have been employed on this basis.

THE 1923 SCHOOL INDEX NUMBER

Maryland's school index number for 1923 is 72.8, an increase of nearly 8 points over 1922. This unusual increase is due to the successful administration in the counties of the school legislation of 1922, and to the program of school development in Baltimore City.

In 1918 only one State (Montana) had a higher index number than Maryland now has. All states have, of course, improved their ratings more or less since 1918, but complete data for other States are not available for any year later than 1920. For that reason Maryland's present rank can not be determined at this time.

The index numbers and annual increases for Maryland, Baltimore City, and the average county are given below:

TABLE 1.

INDEX NUMBERS 1918-1923

Year	Index Numbers for			Annual Increases in Index Numbers		
	Maryland	Baltimore City	Average County	Maryland	Baltimore City	Average County
1918	43.2	48.7	40.3	----	----	----
1919	42.0	47.4	38.9	—1.2	—1.3	—1.4
1920	51.9	55.5	45.4	9.9	8.1	6.5
1921	61.5	74.4	53.7	9.6	18.9	8.3
1922	65.1	78.1	56.0	3.6	3.7	2.3
1923	72.8	89.5	60.7	7.7	11.4	4.7

The first five items used in making up the index numbers are based on attendance in all schools and in high schools and on the length of session, while the last five depend on school expenditures per pupil and per teacher.

TABLE 2

IMPROVEMENT 1918 TO 1923 IN EDUCATIONAL AND FINANCIAL ITEMS OF INDEX NUMBER:

Year	Educational Items			Financial Items			Index Number		
	Average County	Baltimore City	State	Average County	Baltimore City	State	Average County	Baltimore City	State
1918	51.2	56.7	53.2	29.3	40.8	33.1	40.3	48.7	43.2
1923	61.3	63.9	62.4	60.2	115.2	83.2	60.7	89.5	72.8
Gain	10.1	7.2	9.2	30.9	74.4	50.1	20.4	40.8	29.6

There has been considerable gain in both the educational and financial items, but in the average county the gain in the latter is three times the former, and in Baltimore City an increase of 7.2 points from 1918 to 1923 in the educational items has been accompanied by a gain ten times as large in the financial items.

On What Is the Index Number Based?

The ten items used to obtain the index number are shown below in the tabulation for 1923, together with the increase in each item during the year for the white and colored schools in the average county. Every item shows an increase for every type of school.

TABLE 3.

STANDING OF AVERAGE MARYLAND COUNTY IN EACH COMPONENT OF THE INDEX NUMBER FOR EDUCATIONAL EFFICIENCY, 1923, AND INCREASE OVER 1922:

Item	Components of the Index Number	1923 Standing			Increase over 1922		
		All Schools	White Schools	Colored Schools	All Schools	White Schools	Colored Schools
1	Per cent. of children 5 and under 18 years in average attendance	57.2	58.0	53.8	.4	.2	1.0
2	Average days attended by each child 5 and under 18 ÷2	52.1	54.2	43.7	2.2	1.4	4.9
3	Average days schools were kept open ÷2	91.0	93.3	81.3	3.1	2.1	7.8
4	Per cent. of attendance in high school*	31.7	37.8	4.7	3.5	4.3	.6
5	Per cent. of boys to girls in high school	74.7	75.5	51.0	1.4	1.2	3.8
6	Total expenditure per child in average attendance	62.8	71.5	30.4	6.9	9.2	3.5
7	Total expenditure per child 5 years and under 18	36.7	41.5	16.4	5.0	5.5	2.2
8	Total expenditure per teacher and principal ÷24	68.1	74.5	35.6	8.3	9.0	4.5
9	Expenditure for other than salaries per child in attendance multiplied by 2	50.6	56.7	22.9	10.8	12.1	3.5
10	Average monthly salary per teacher	82.6	90.1	44.5	5.7	5.7	4.7
	Index Number in Average County	60.7	65.3	38.4	4.7	5.1	3.6

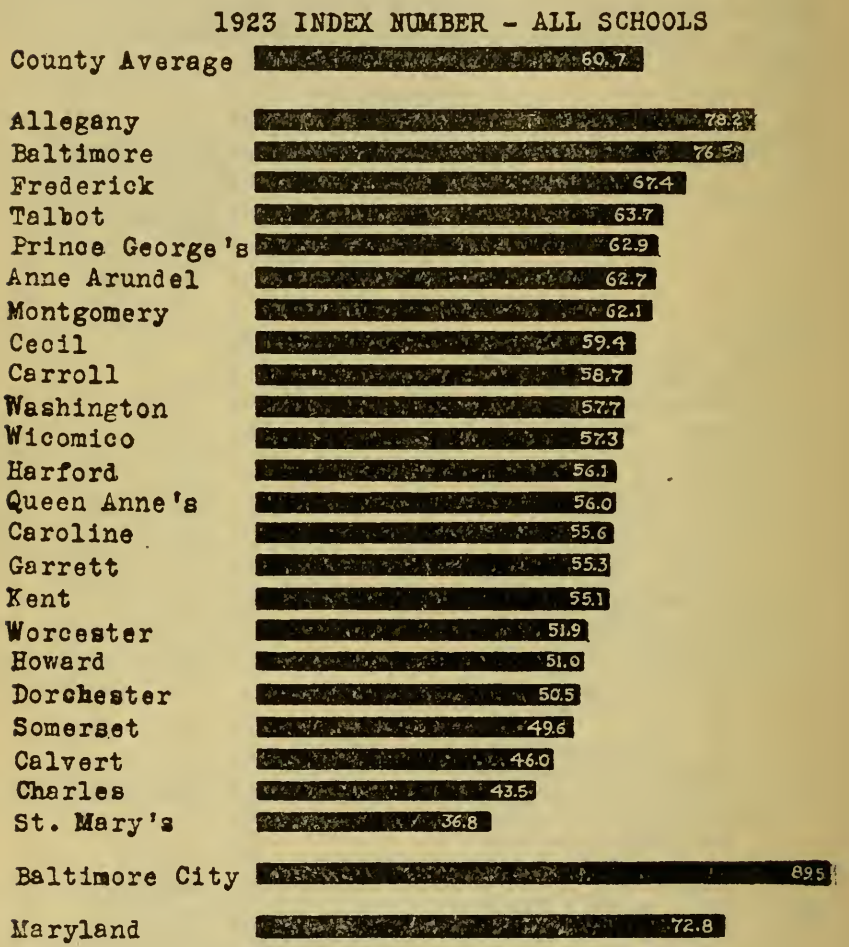
*Multiplied by 3 for eight-grade elementary school system, and by 2.75 for seven-grade elementary school system.

How Does Each County Help the Index Number?

An analysis of what each educational unit has contributed to the increase shows a steady growth in *every* county since 1918. The index number for the average county increased 50 per cent from 1918 to

1923. The counties are arranged in the order of their standing in 1923 in Table 4 and Chart A. (See also pages 208-209.)

CHART A



From 1922 to 1923 the index number in the average county rose to 60.7, or 4.7 points. Several counties made remarkable improvement during that year—Anne Arundel, Talbot, Prince George's, Montgomery, Garrett, St. Mary's, and Frederick Counties adding 6 points or more to their standing. In fact, Anne Arundel's gain amounted to nearly 14 points, and Talbot's to nearly 12, due, in large part, to expenditures for school buildings. Howard County was the only one to lower its 1922 standing, which had been unusually high for that county, because the cost of the two new high school buildings was included.

With the present method of computing the index number, the increases will be very great in years of great school building activity and decreases will often appear in the following year if there is little money used for capital outlay costs. This explains many of the great changes in rank noticeable, from year to year, in Anne Arundel, Harford, Howard, Montgomery, and Prince George's Counties. It is proposed that hereafter the amount included for capital outlay in a county be an average of the expenditures over the period of the past four or five years. In this way a county will not one year raise its rank considerably, only to fall to a low place the following year.

The only county whose index number in 1923 is below the State average in 1918 is St. Mary's. But when the growth in St. Mary's County is examined, it shows that its 1923 rating, 36.8, is 58 per cent higher than was its 1918 index number, and there has been year by year a steady improvement.

TABLE 4.

INDEX NUMBER FOR MARYLAND COUNTY SCHOOLS, 1918-1923.

COUNTY	1918	1920	1921	1922	1923	Increase 1923 over 1922
County Average	40.3	45.4	53.7	56.0	60.7	4.7
Allegany	44.5	47.5	60.3	76.7	78.2	1.5
Baltimore	44.6	61.3	74.9	75.0	76.5	1.5
Frederick	43.8	47.5	55.0	61.3	67.4	6.1
Talbot	42.7	45.2	50.9	51.8	63.7	11.9
Prince George's	37.4	44.0	50.7	54.0	62.9	8.9
Anne Arundel	36.9	44.7	46.8	48.8	62.7	13.9
Montgomery	40.6	44.1	56.1	53.8	62.1	8.3
Cecil	45.5	45.3	54.8	55.5	59.4	3.9
Carroll	41.1	40.3	53.6	54.8	58.7	3.9
Washington	43.3	51.9	60.5	54.0	57.7	3.7
Wicomico	38.7	50.5	52.7	52.8	57.3	4.5
Harford	41.0	46.4	52.3	55.4	56.1	.7
Queen Anne's	42.6	45.8	50.9	52.6	56.0	3.4
Caroline	39.0	41.4	48.6	51.4	55.6	4.2
Garrett	33.0	39.8	42.3	47.4	55.3	7.9
Kent	41.4	43.1	52.5	50.5	55.1	4.6
Worcester	38.0	45.9	50.2	51.3	51.9	.6
Howard	36.4	39.8	47.0	55.0	51.0	—4.0
Dorchester	36.1	39.2	43.6	46.5	50.5	4.0
Somerset	33.7	37.8	43.0	45.6	49.6	4.0
Calvert	24.4	26.6	34.9	41.4	46.0	4.6
Charles	21.7	23.2	38.0	40.6	43.5	2.9
St. Mary's	23.3	25.3	28.5	30.5	36.8	6.3
Baltimore City	48.7	55.5	74.4	78.1	89.5	11.4
Maryland	43.2	49.3	61.5	65.1	72.8	7.7

TABLE 5.

INDEX NUMBER FOR WHITE SCHOOLS IN MARYLAND COUNTIES, 1921-1923.

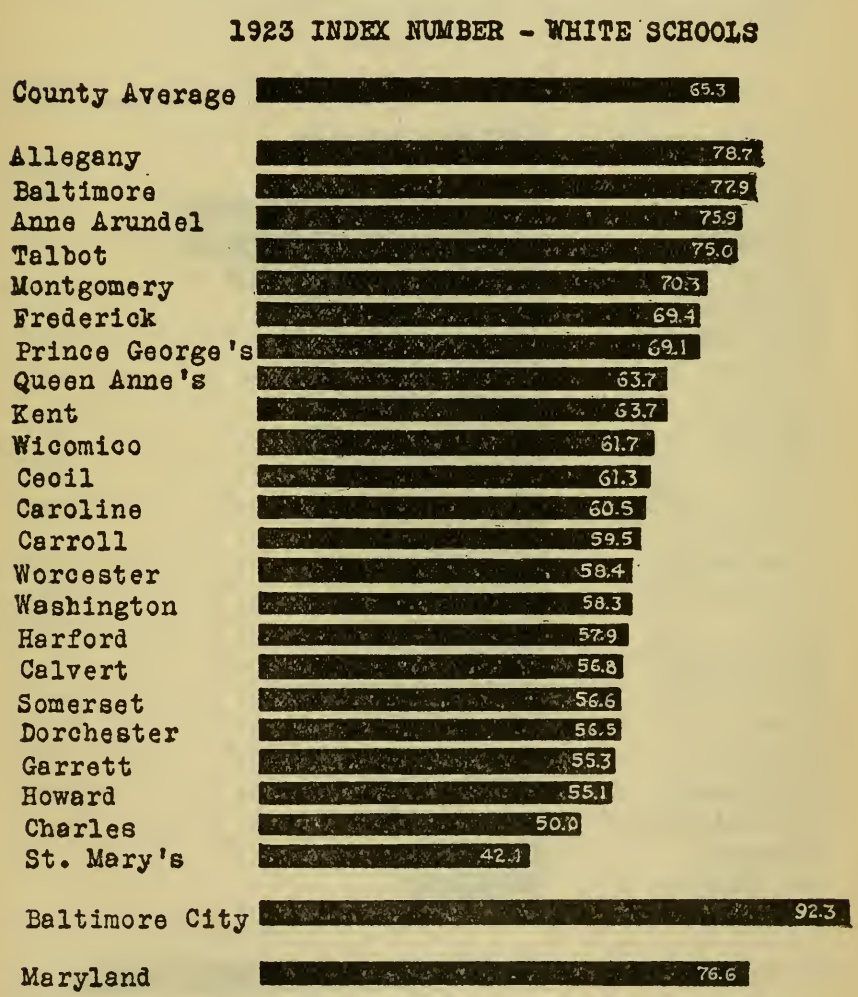
COUNTY	Index Number for White Schools			Increase 1923 over 1922
	1921	1922	1923	
County Average	58.1	60.2	65.3	5.1
Allegany	60.7	74.7	78.7	4.0
Baltimore	81.3	77.9	77.9	....
Anne Arundel	53.4	55.6	75.9	20.3
Talbot	58.1	59.4	75.0	15.6
Montgomery	63.0	60.1	70.3	10.2
Frederick	56.1	63.5	69.4	5.9
Prince George's	56.2	59.8	69.1	9.3
Queen Anne's	58.4	60.2	63.7	3.5
Kent	66.7	59.2	63.7	4.5
Wicomico	58.0	56.0	61.7	5.7
Cecil	56.3	57.3	61.3	4.0
Caroline	53.6	56.0	60.5	4.5
Carroll	54.2	55.2	59.5	4.3
Worcester	57.1	59.7	58.4	—1.3
Washington	61.2	54.5	58.3	3.8
Harford	55.0	57.7	57.9	.2
Calvert	43.8	51.4	56.8	5.4
Somerset	49.7	51.9	56.6	4.7
Dorchester	48.6	51.8	56.5	4.7
Garrett	42.4	47.4	55.3	7.9
Howard	51.3	61.3	55.1	—6.2
Charles	41.1	46.3	50.0	3.7
St. Mary's	32.7	36.5	42.1	5.6
Baltimore City	....	....	92.3	....
Maryland	....	....	76.6	....

White and Colored Schools

In the white schools the average county's gain from 1922 to 1923 was 5.1 points, but Anne Arundel, Talbot, Montgomery, Prince George's, Garrett, Frederick, Wicomico, St. Mary's, and Calvert gained more than this amount, Anne Arundel jumping more than twenty points, Talbot over fifteen, and Montgomery more than ten. The average county's rating is 65.3, and the range is from 42.1 in St. Mary's to 78.7

in Allegany County, which leads the other counties. The counties are listed *in the order of their* 1923 *standing*, and the figures for 1921 and 1922 are also given, so that the growth of each county is evident. (See Table 5 and Chart B, and pages 210-211.)

CHART B



In 1923 the colored schools in the average county moved their rating upward to 38.4 points, a gain of 3.6 points over last year, due to the 1922 legislation, better attendance, and more adequate support. Baltimore County's colored schools rank first and St. Mary's last, the variation running through all degrees between 22.6 points and 56.4 points. Baltimore, Caroline, Allegany, Anne Arundel, Prince George's, and Charles counties made the most notable improvement over the year before. (See Table 6 and Chart C, and pages 212-213.)

CHART C

1923 INDEX NUMBER FOR MARYLAND COLORED SCHOOLS

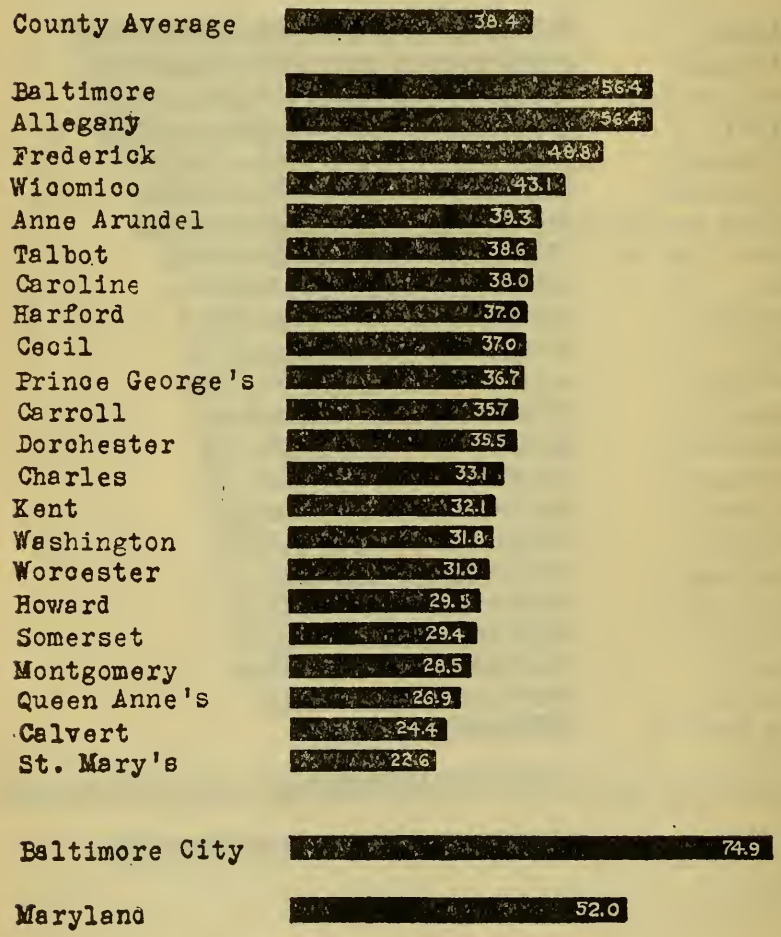


TABLE 6.

INDEX NUMBER FOR COLORED SCHOOLS IN MARYLAND COUNTIES, 1921-1923.

COUNTY	Index Number for Colored Schools			Increase 1923 over 1922
	1921	1922	1923	
County Average	32.5	34.8	38.4	3.6
Baltimore	45.8	44.2	56.4	12.2
Allegany	47.4	47.4	56.4	9.0
Frederick	37.8	42.8	48.8	6.0
Wicomico	35.2	41.4	43.1	1.7
Anne Arundel	30.9	31.0	39.3	8.3
Talbot	37.5	34.3	38.6	4.3
Caroline	25.8	28.0	38.0	10.0
Harford	31.4	34.3	37.0	2.7
Cecil	36.6	34.3	37.0	2.7
Prince George's	26.5	29.0	36.7	7.7
Carroll	37.6	37.1	35.7	—1.4
Dorchester	32.4	32.7	35.5	2.8
Charles	21.1	25.6	33.1	7.5
Kent	25.2	28.3	32.1	3.8
Washington	32.8	30.8	31.8	1.0
Worcester	27.3	26.8	31.0	4.2
Howard	25.0	24.7	29.5	4.8
Somerset	23.6	25.5	29.4	3.9
Montgomery	27.4	26.7	28.5	1.8
Queen Anne's	23.8	26.0	26.9	.9
Calvert	18.8	20.7	24.4	3.7
St. Mary's	21.5	20.1	22.6	2.5
Baltimore City	....	....	74.9	....
Maryland	....	....	52.0	....

The 1923 index numbers for all schools, white schools, and colored schools, are given in Table 7, the counties being listed in each case in the order of their rank.

The rank of each county in the three types of schools in 1921, 1922, and 1923 is indicated in Table 8.

TABLE 7.

1923 INDEX NUMBER FOR MARYLAND

County	All Schools	County	White Schools	County	Colored Schools
County Average...	60.7	County Average...	65.3	County Average...	38.4
Allegany	78.2	Allegany	78.7	Baltimore	56.4
Baltimore	76.5	Baltimore	77.9	Allegany	56.4
Frederick	67.4	Anne Arundel.....	75.9	Frederick	48.8
Talbot	63.7	Talbot	75.0	Wicomico	43.1
Prince George's....	62.9	Montgomery	70.3	Anne Arundel.....	39.3
Anne Arundel.....	62.7	Frederick	69.4	Talbot	38.6
Montgomery	62.1	Prince George's....	69.1	Caroline	38.0
Cecil	59.4	Queen Anne's.....	63.7	Harford	37.0
Carroll	58.7	Kent	63.7	Cecil	37.0
Washington	57.7	Wicomico	61.7	Prince George's....	36.7
Wicomico	57.3	Cecil	61.3	Carroll	35.7
Harford	56.1	Caroline	60.5	Dorchester	35.5
Queen Anne's.....	56.0	Carroll	59.5	Charles	33.1
Caroline	55.6	Worcester	58.4	Kent	32.1
Garrett	55.3	Washington	58.3	Washington	31.8
Kent	55.1	Harford	57.9	Worcester	31.0
Worcester	51.9	Calvert	56.8	Howard	29.5
Howard	51.0	Somerset	56.6	Somerset	29.4
Dorchester	50.5	Dorchester	56.5	Montgomery	28.5
Somerset	49.6	Garrett	55.3	Queen Anne's.....	36.9
Calvert	46.0	Howard	55.1	Calvert	24.4
Charles	43.5	Charles	50.0	St. Mary's.....	22.6
St. Mary's.....	36.8	St. Mary's.....	42.1		
Baltimore City.....	89.5	Baltimore City....	92.3	Baltimore City....	74.9
Maryland	72.8	Maryland	76.6	Maryland	52.0

(See pages 208-213.)

TABLE 8.

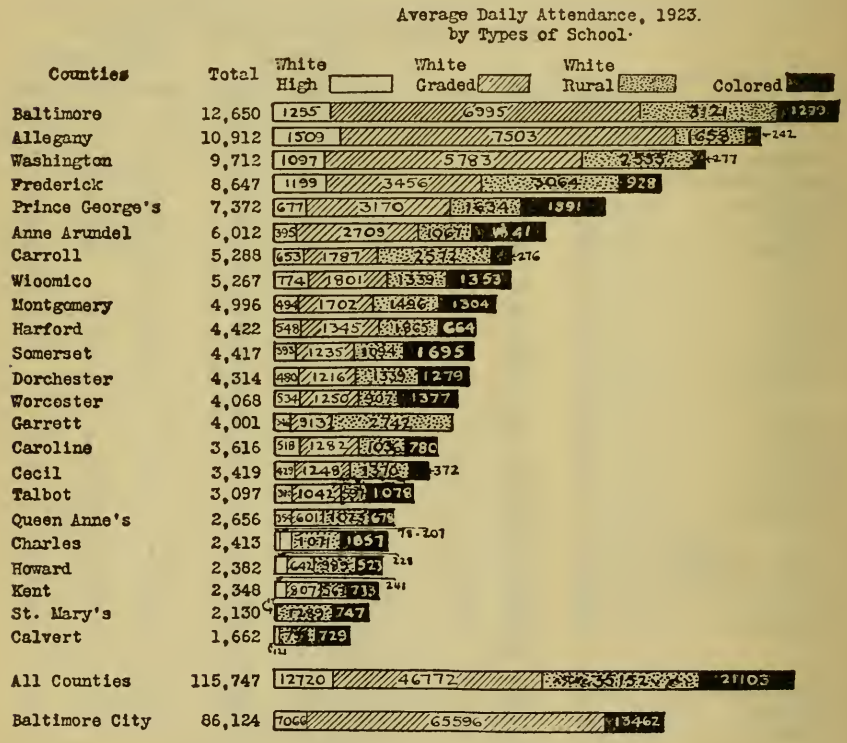
RANK OF MARYLAND COUNTIES IN 1921, 1922, AND 1923 INDEX NUMBERS.

COUNTY	Rank of Maryland Counties in Index Numbers for								
	All Schools			White Schools			Colored Schools		
	1921	1922	1923	1921	1922	1923	1921	1922	1923
Allegany	3	1	1	5	2	1	1	1	2
Anne Arundel	17	17	6	16	15	3	11	10	5
Baltimore	1	2	2	1	1	2	2	2	1
Calvert	22	21	21	20	20	17	22	21	21
Caroline	15	14	14	15	13	12	15	14	7
Carroll	7	7	9	14	16	13	4	5	11
Cecil	6	4	8	10	12	11	6	6	9
Charles	21	22	22	22	22	22	21	18	13
Dorchester	18	19	19	19	19	19	9	9	12
Frederick	5	3	3	12	3	6	3	3	3
Garrett	20	18	15	21	21	20	..	..	..
Harford	10	5	12	13	11	16	10	7	8
Howard	16	6	18	17	4	21	17	20	17
Kent	9	16	16	2	10	9	16	13	14
Montgomery	4	10	7	3	6	5	12	16	19
Prince George's	13	9	5	11	7	7	14	12	10
Queen Anne's	11	12	13	6	5	8	18	17	20
St. Mary's	23	23	23	23	23	23	20	22	22
Somerset	19	20	20	18	18	18	19	19	18
Talbot	12	13	4	7	9	4	5	8	6
Washington	2	8	10	4	17	15	8	11	15
Wicomico	8	11	11	8	14	10	7	4	4
Worcester	14	15	17	9	8	14	13	15	16

GROWTH IN MARYLAND'S SCHOOL ATTENDANCE 26,500 IN THREE YEARS

Maryland's school population is growing. The average attendance in the counties in 1923 was nearly 116,000, and, in Baltimore City, just over 86,000. The growth in Maryland's school attendance since 1920 has been over 26,500, and of these pupils nearly 16,000 are in the counties. (See pages 216-218.)

CHART D

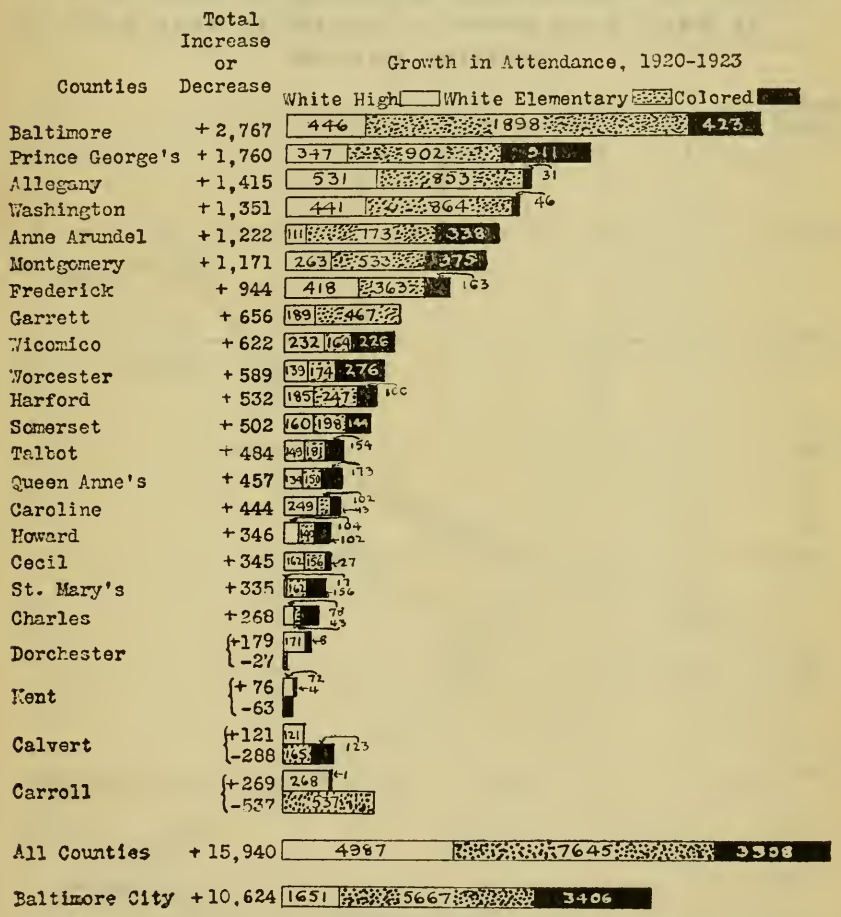


Which types of county schools are growing? The county white high schools in 1923 cared for 5,000 more children than in 1920; the county white elementary schools taught 7,650 more pupils; and the county colored schools took care of 3,300 additional. This growth may be attributed to the fact that children are staying in school longer and complete more work than they did formerly, to stricter enforcement of the compulsory attendance law, and to increase in population.

The figures are encouraging when it is remembered that one of the points used in judging a school system's efficiency is "How well does the system hold the children to complete the work of the elementary grades?"

For 1923 there are 12,720 pupils in average daily attendance in county high schools, 46,772 pupils in graded elementary schools having

CHART E



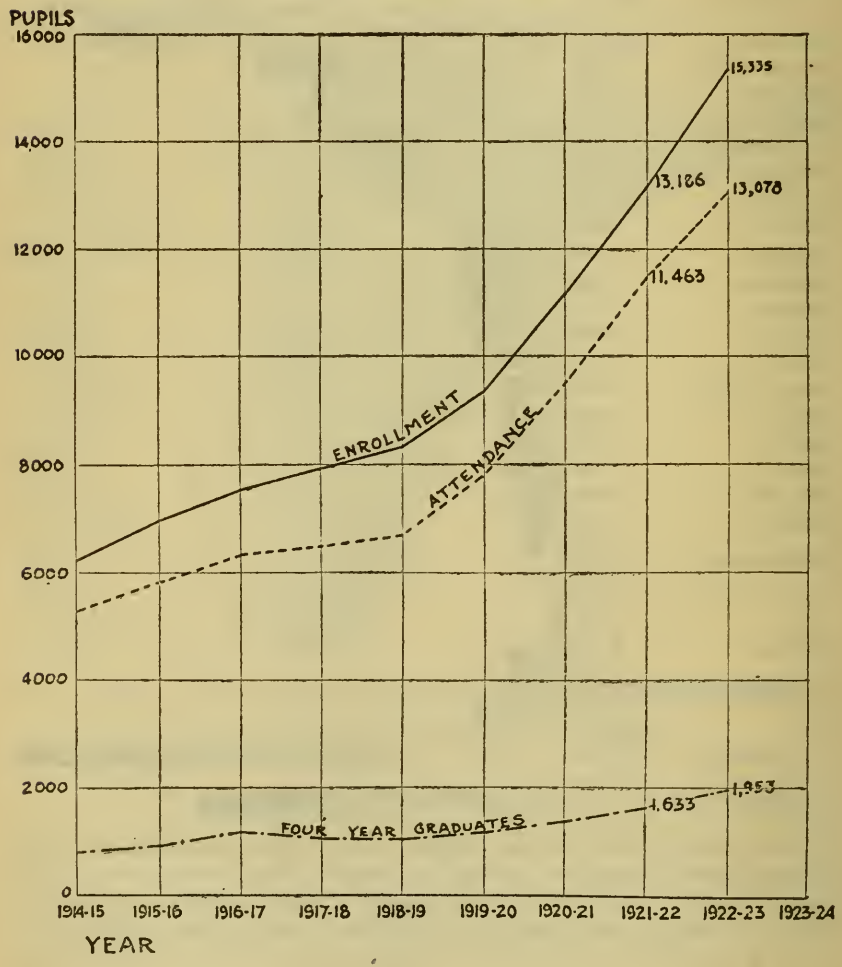
three or more teachers, 35,152 children in one- and two-teacher schools, and 21,103 boys and girls in colored schools. See Chart D, in which the counties are arranged in order of size of total average attendance.

Which counties are growing? Baltimore County leads, with an increase of nearly 2,800 pupils in the three-year period. Prince George's

comes next, with 1,760, and Allegany, Washington, Anne Arundel, and Montgomery follow, with from 1,000 to 1,500 more pupils. Two counties, Carroll and Calvert, appear to have fewer pupils than they had three years ago. See Chart E, in which the counties are arranged in order of increase in average attendance in the past three years.

CHART F

INCREASE IN HIGH SCHOOL ENROLLMENT AND ATTENDANCE AND IN WHITE HIGH SCHOOL GRADUATES IN MARYLAND COUNTIES, 1914-1923

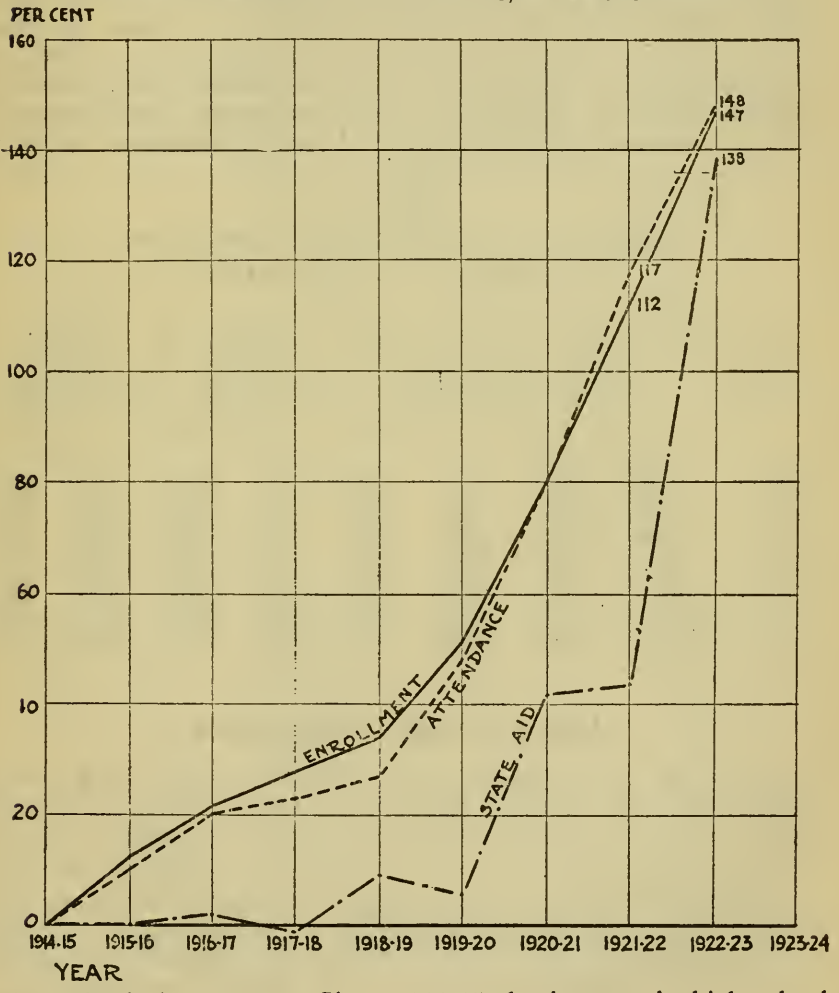


Phenomenal Development of High Schools

The phenomenal development of high schools which has taken place over the entire country is evident in Maryland. Over 15,000 pupils were enrolled and over 13,000 were in average attendance in our county

CHART G

PER CENT OF INCREASE IN HIGH SCHOOL ENROLLMENT AND ATTENDANCE AND IN STATE AID TO HIGH SCHOOLS IN MARYLAND COUNTIES, 1914-1923



high schools in 1922-23. Since 1914-15 the increase in high school enrollment has been nearly 150 per cent.. For every one hundred pupils enrolled in 1914-15, there are now nearly 250 enrolled and attending. (See Charts F and G.)

Relation of Increased High School Attendance to State Aid

High school education costs from two and one-quarter to three times as much as that in elementary schools. This is because of the smaller classes in the secondary schools, higher salaries on account of additional preparation required of teachers, and the relatively larger supply of books and equipment needed. State aid for high schools has never kept pace with the increased enrollment. Although the total appropriation for State aid to county high schools increased from $179,000 in 1922 to $303,750 in 1923, nevertheless the increase in State aid from 1914-15 (138 per cent) could not keep step with the constantly increasing demand for a high school education (148 per cent). Sufficient high schools to meet the needs of all who can profit by such training is the best investment a democracy can make for safeguarding its future.

TABLE 9.

ENROLLMENT AND ATTENDANCE IN APPROVED COUNTY HIGH SCHOOLS OF MARYLAND, 1914-1923

Year Ending July 31	Enrollment	Average Daily Attendance	Annual Increase		Per Cent. of Increase		Cumulative Per Cent. of Increase	
			Enrollment	Attendance	Enrollment	Attendance	Enrollment	Attendance
1915	6,213	5,276	----	----	----	----	----	----
1916	7,000	5,804	787	528	12.6	10.0	12.6	10.0
1917	7,567	6,327	567	523	8.1	9.0	21.8	19.9
1918	7,936	6,477	369	150	4.9	2.4	27.8	22.8
1919	8,302	6,685	366	208	4.6	3.2	33.6	26.7
1920	9,392	7,798	1,090	1,113	13.1	16.7	51.1	47.9
1921	11,188	9,483	1,796	1,685	19.1	21.6	80.0	80.0
1922	13,186	11,463	1,998	1,980	17.9	20.9	112.2	117.3
1923	15,335	13,078	2,149	1,615	16.3	14.1	146.9	148.0

Increase In Number of High Schools

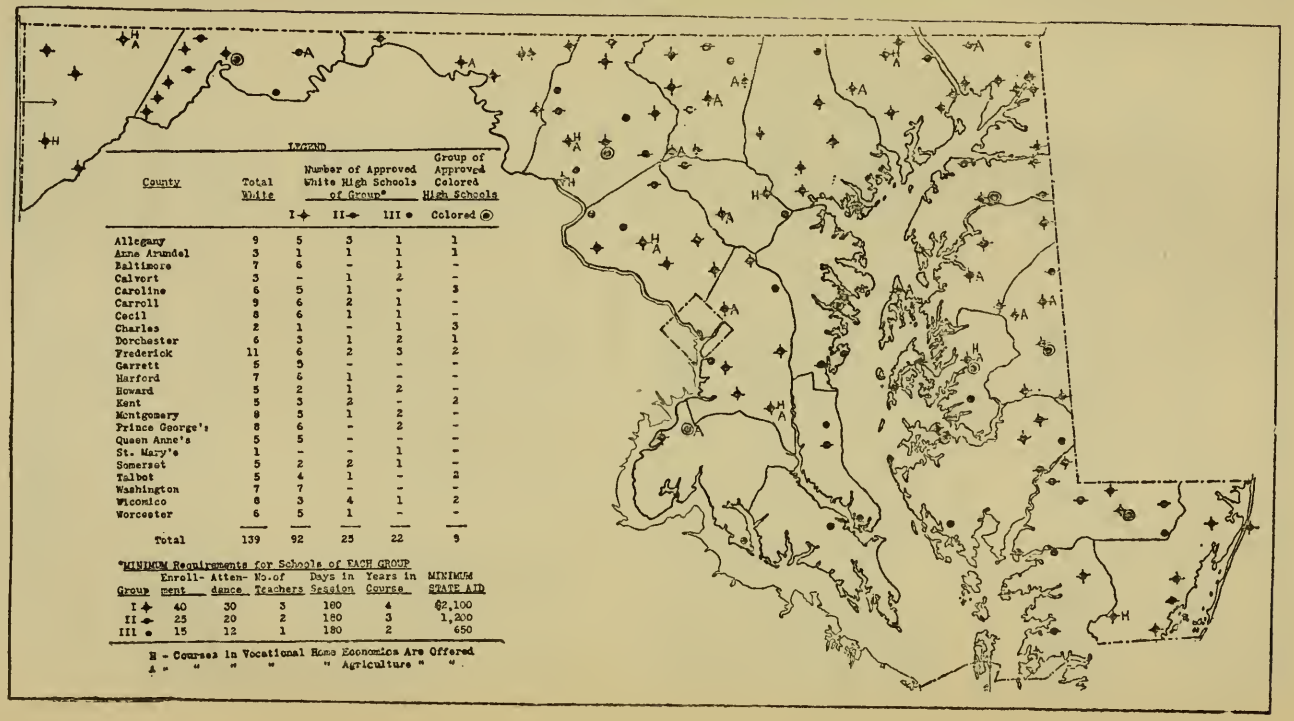
During the year ending in June, 1923, 15 new county high schools were added to the approved list, making a total of 148 approved high schools, of which 139 are white and 9 colored. The may on page 33 shows their distribution in the counties and the group of each school.

Of the white schools, 92 are first group schools, 25 are second group, and 22 third group schools. Three of the colored schools are first group, 4 are second group, and 2 are third group schools. (See legend on map giving minimum requirements for schools of each group.)

CHART H

MAP SHOWING LOCATION AND GROUP OF EACH APPROVED HIGH SCHOOL IN MARYLAND COUNTIES FOR SCHOOL YEAR ENDING IN JUNE , 1923

(Schools Offering Vocational Agriculture and Vocational Home Economics are shown and the minimum requirements for high schools of each group are given in the legend)



County	Total White	Number of Approved White High Schools of Group* I	II	III	Group of Approved Colored High Schools Colored
Allegany	9	5	3	1	1
Anne Arundel	3	1	1	1	1
Baltimore	7	6	-	1	-
Calvert	3	-	1	2	-
Caroline	6	5	1	-	3
Carroll	9	6	2	1	-
Cecil	8	6	1	1	-
Charles	2	1	-	1	3
Dorchester	6	3	1	2	1
Frederick	11	6	2	3	2
Garrett	5	5	-	-	-
Harford	7	6	1	-	-
Howard	5	2	1	2	-
Kent	5	3	2	-	2
Montgomery	8	5	1	2	-
Prince George's	8	6	-	2	-
Queen Anne's	5	5	-	-	-
St. Mary's	1	-	-	1	-
Somerset	5	2	2	1	-
Talbot	5	4	1	-	2
Washington	7	7	-	-	-
Wicomico	6	3	4	1	2
Worcester	6	5	1	-	-
Total	139	92	25	22	9

*MINIMUM Requirements for Schools of EACH GROUP

Group	Enrollment	Attendance	No. of Teachers	Days in Session	Years in Course	MINIMUM STATE AID
I	40	30	3	180	4	$2,100
II	25	20	2	180	3	1,200
III	15	12	1	180	2	650

H - Courses in Vocational Home Economics Are Offered
A - " " " " Agriculture " "

The following are new schools or schools which have changed their group:

TABLE 10.

New Schools	Group	County	Former Group	Schools Changing Group	New Group	County
Old Town	3	Allegany	3	Midland	2	Allegany
			2	Colored	1	Allegany
Shady Side	3	Anne Arun.	3	Tracey's Landing	2	Anne Arun.
			2	Colored	1	Anne Arun.
Shane	3	Baltimore	3	Prince Frederick	2	Calvert
			2	Sykesville	1	Carroll
Henderson	2	Caroline	3	Charles Carroll	2	Carroll
Colored	3	Caroline	3	New Windsor	2	Carroll
			2	Perryville	1	Cecil
Manchester	3	Carroll	2	George Biddle	1	Cecil
Mechanicsville	*	Carroll	3	Rising Sun	2	Cecil
			2	Crapo	3	Dorchester
Colored	3	Charles				
			3	Colored	2	Frederick
			3	New Market	2	Frederick
Vienna	2	Dorchester				
			2	Accident	1	Garrett
			2	Friendsville	1	Garrett
Wolfsville	3	Frederick	2	Grantsville	1	Garrett
Darlington	2	Harford	2	Slate Ridge	1	Harford
			2	Clarksville	1	Howard
Elk Ridge	3	Howard				
			2	Galena	1	Kent
			3	Millington	2	Kent
Germantown	3	Montgomery	3	Colored	2	Kent
			2	Fairland	1	Montgomery
Bowie	3	Prince Geo.				
			2	Church Hill	1	Queen Anne's
Hollywood	3	St. Mary's	3	Trappe	2	Talbot
			2	Tilghman	1	Talbot
Mt. Vernon	3	Somerset	2	Hancock	1	Washington
			3	Hebron	2	Wicomico
Cordova	*	Talbot				
			2	Ocean City	1	Worcester

*Not approved.

The Boys' High School and the Girls' High School of Frederick joined to form the Frederick High School.

Ten of the newly approved white high schools are third group schools and two are second group. There are two new approved colored high schools of the third group.

Ten white schools went from third to second group, and 14 from second to first group. Two colored schools went from third to second and two from second to first group. One school went from second to third group.

High School Work Not Up to Standard Eliminated

During the school year ending in June, 1923, there were 27 elementary schools on the Eastern Shore and in Anne Arundel and Harford counties offering one or more years of high school work which could not be approved. Since these schools could not meet the requirements of standard approved schools, the reduction in number to seven, two each in Harford, Somerset, and Wicomico, and one in Worcester, is an improvement for the school year 1923-24 worth noting. These seven schools have only 35 pupils enrolled and in all cases the parents of the pupils have been given due notice that credit for high school work may not be expected if any of these pupils seek admission to approved high schools in September, 1924.

Ratio of High School Attendance to Total Attendance

One of the best proofs of the increased use of high school facilities is the ratio that high school attendance bears to the total attendance in white schools. (See Chart I.) In the counties this ratio has increased steadily from 6.6 in 1915-16 to 13.4 in 1922-23. The increase is not confined to any locality, but has taken place in every county in the State. Comparative figures for 1921, 1922, and 1923 are available in Chart J, in which the counties are ranked according to the 1923 figures.* It will be noted that the Eastern Shore counties still stand at the top of the list.

There are colored high schools in nine of the counties.† One of the chief purposes of their establishment is the further education of the best elementary graduates for the work of teaching elementary schools in their home counties. Many of our colored elementary teachers must now be secured from normal schools outside of Maryland.§ This does not lead to the gathering of a stable teaching staff.

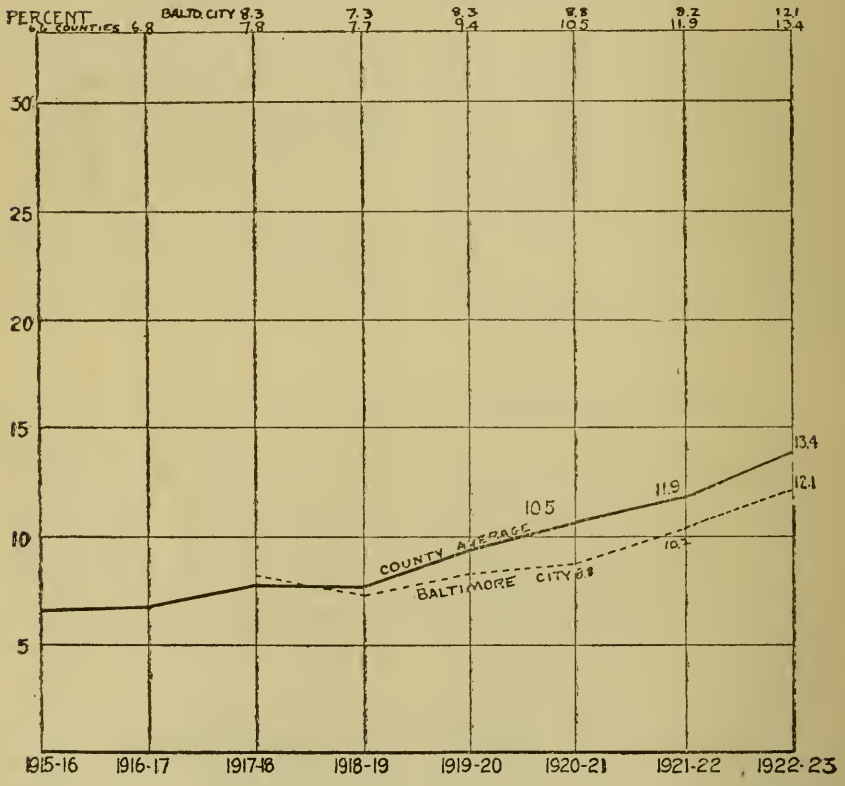
*Allegany and Washington appear to be out of order, because they have an eight-grade elementary school system, whereas the other counties have only seven grades.

† County average for colored schools, 1923, 1.7; Allegany, 13.5; Wicomico, 7.0; Dorchester, 5.0; Frederick, 4.7; Talbot, 2.8; Anne Arundel, 2.6; Kent, 2.4; Caroline, 1.8; Charles, 1.2.

§ See report on Bowie Normal School, pages 200-201.

CHART I

THE NUMBER OF PUPILS IN WHITE HIGH SCHOOLS FOR EVERY 100 WHITE PUPILS IN COUNTY SCHOOLS AND BALTIMORE CITY, 1916-1923



More Girls Than Boys In High Schools

In the elementary schools we have more boys than girls enrolled, but when we come to the high schools the situation is reversed. One index of the teaching efficiency of a high school and of the appeal of the courses offered is the ratio of boys to girls in the high school.

CHART J

Ratio of Attendance in White High Schools
to Attendance in All White Schools, by Counties

Counties	1921	1922	1923
County Average	10.5	11.9	13.4
Wicomico	16.8	18.4	19.8
Worcester	18.2	18.6	19.8
Talbot	13.4	14.8	18.8
Caroline	13.4	15.5	18.3
Queen Anne's	15.2	14.2	17.9
Dorchester	11.4	13.5	15.8
Frederick	12.7	14.3	15.5
Allegany	10.5	12.2	14.1
Kent	12.1	13.7	14.9
Harford	12.2	13.0	14.6
Somerset	11.9	13.2	14.4
Cecil	10.7	12.2	14.1
Calvert	5.8	12.9	13.8
Montgomery	10.3	11.3	13.4
Carroll	9.6	12.0	13.0
Washington	9.0	10.5	11.6
Prince George's	8.9	10.9	12.4
Howard	8.4	10.1	12.3
Baltimore	9.6	10.6	11.0
Anne Arundel	7.2	8.7	9.5
Garrett	5.8	6.9	8.7
Charles	3.8	5.8	5.8
St. Mary's	-	-	1.2
Baltimore City	8.8	10.2	12.1

In the counties this ratio is increasing slightly. There are now 75 boys to every 100 girls. About half of the counties show an increase for the past year. The counties are arranged in Chart K according to their rank in 1923. Washington and Frederick counties still lead the State in this respect. Somerset, Baltimore, Garrett, and Montgomery have made large gains.

An increase in men teachers of the best type and the extension of agricultural or part-time industrial work in the counties are two possible remedies for the conditions shown in this chart.

In the colored high schools which have been in operation only a short time, the ratio is naturally lower than in the white schools. Except in Frederick, Anne Arundel, and Allegany, the proportion of boys seems to be increasing.

CHART K

Ratio of Boys to Girls in White High Schools

Counties	1921	1922	1923
County Average	70.6	74.3	75.5
Washington	79.9	94.6	94.4
Frederick	90.6	85.5	93.3
Somerset	72.4	82.1	88.1
Baltimore	80.2	79.2	87.8
Garrett	65.8	76.5	84.6
Talbot	69.5	79.7	81.9
Charles	65.7	82.8	81.8
Cecil	73.4	85.0	80.6
Calvert	42.9	77.6	74.4
Carroll	66.5	72.0	74.4
Prince George's	69.3	74.8	74.4
Kent	54.4	68.5	71.8
Dorchester	70.4	78.6	70.9
Wicomico	66.2	72.5	70.1
Harford	56.3	66.2	69.3
Montgomery	59.2	63.7	68.5
Anne Arundel	71.2	75.5	68.2
Queen Anne's	67.9	61.8	64.6
Caroline	60.3	68.0	64.3
Howard	65.2	56.8	62.4
Allegany	63.5	61.9	61.6
Worcester	77.1	63.4	61.0
St. Mary's	-	-	50.0
Baltimore City		106.2	98.6

Colored High Schools, 1923: County average 51.0; Caroline, 72.7; Wicomico, 64.8; Charles, 63.6; Dorchester, 59.2; Frederick, 58.8; Talbot, 53.9; Anne Arundel, 38.1; Kent, 25.0; Allegany, 20.0.

HOT LUNCH SERVED DAILY AT OXON HILL ONE-TEACHER SCHOOL, PRINCE GEORGE'S COUNTY
Nearly Every Rural School in Prince George's County Serves a Hot Lunch

THE NUMBER OF SCHOOL DAYS

An increase in the number of school days appears in all types of schools—an increase of three days for white high schools, 4.2 days for white elementary schools, and 15.5 days for colored schools. The big increase for the colored schools was the result of the 1922 legislation increasing the required school year from 140 to 160 days. (See Chart L.)

Although the counties as a whole show improvement, and the average number of days in session is above the legal requirement, a few counties did not comply with the law in this respect. Somerset County white high schools, Garrett, Somerset, and Charles County white elementary schools; and St. Mary's, Montgomery, Charles, Anne Arundel, Kent, Howard, Dorchester, Wicomico, Worcester, and Calvert County colored schools were open fewer than the required number of days. These counties were counterbalanced by others which kept their schools open much longer than the State law required. (See Table 11.)

One-fifth of the white one-teacher schools and one-twelfth of the white two-teacher schools were open fewer than 180 days. The counties having schools open too few days are listed in Tables 12 and 13 in the order of the per cent of schools affected.

There are, of course, many unavoidable causes for this. Teachers are ill, or sometimes break their contracts without notification, and substitutes are not always available; the attendance is often too low to justify keeping the schools open; quarantine of the schools is occasionally necessary. Those counties which plan to keep their schools open more than the number of days required, however, have enough leeway so that even if unavoidable circumstances arise, the children can still attend the legal number of days.

Conditions are, of course, worse in the colored schools, especially since this is the first year of the operation of the new law increasing the year to 160 days. Forty per cent of the schools were open fewer than 160 days, and 6.6 per cent were open fewer than 140 days, which was the number formerly required.

CHART L

AVERAGE NUMBER OF DAYS COUNTY SCHOOLS WERE IN SESSION, 1917-1923

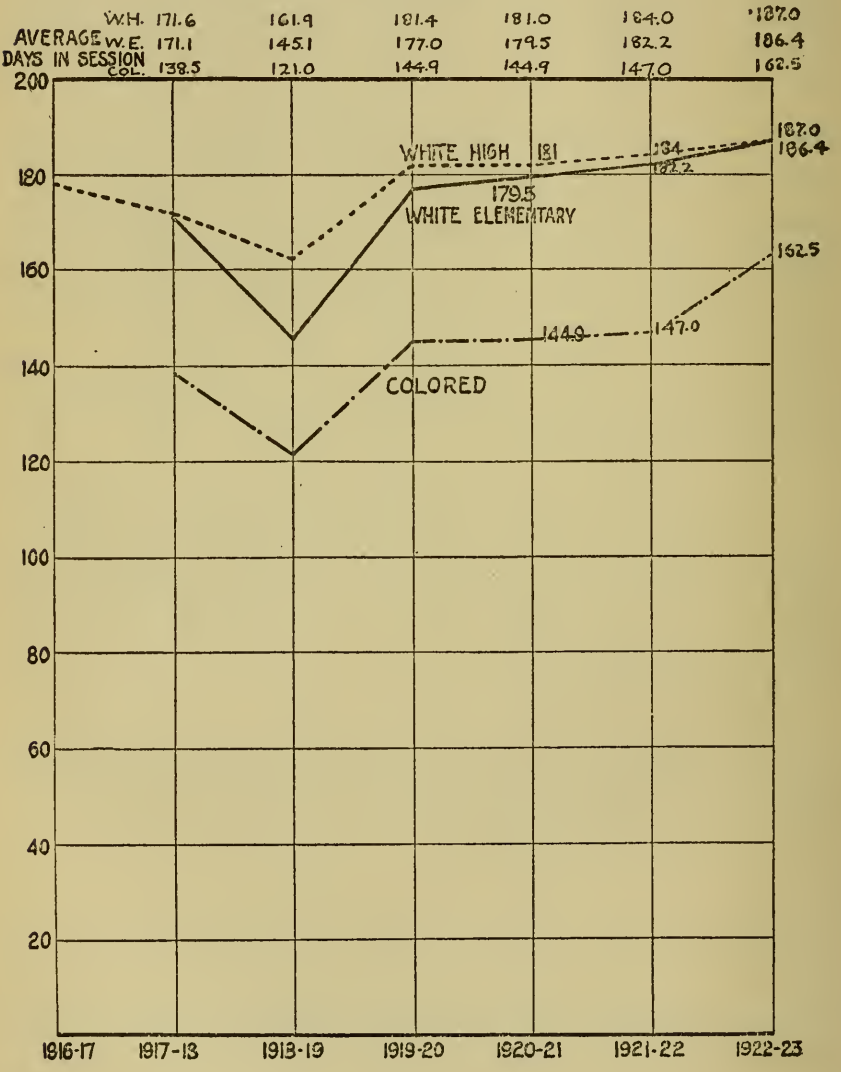


TABLE 11.

AVERAGE NUMBER OF DAYS SCHOOLS WERE OPEN, 1922-23

COUNTY	White High Schools	COUNTY	White Elementary and Junior High Schools	COUNTY	Colored Elementary Schools
County Average..	187.0	County Average..	186.4	County Average..	162.5
Harford	194.8	Harford	194.5	Cecil	189.5
Cecil	192.9	Queen Anne's	192.6	Allegany	189.2
Queen Anne's	192.8	Cecil	192.1	Baltimore	187.9
Baltimore	192.0	Baltimore	191.6	Washington	180.1
Montgomery	189.9	Prince George's	189.3	Carroll	175.7
Allegany	189.8	Montgomery	188.0	Prince George's	171.2
Calvert	189.7	Allegany	187.9	Harford	170.5
Howard	189.2	Howard	187.7	Frederick	161.9
Caroline	188.2	Frederick	187.7	Queen Anne's	161.6
Wicomico	188.0	Wicomico	187.5	Talbot	161.4
Kent	187.0	Anne Arundel	187.4	Somerset	161.0
St. Mary's	187.0	Kent	186.7	Caroline	160.4
Prince George's	186.4	Talbot	185.3		
Anne Arundel	185.9	Calvert	184.3	Calvert	159.1
Talbot	185.7	St. Mary's	184.1	Worcester	159.0
Charles	185.5	Caroline	183.7	Wicomico	158.9
Carroll	184.9	Carroll	183.3	Dorchester	157.5
Garrett	183.4	Dorchester	182.9	Howard	156.7
Washington	182.8	Washington	182.5	Kent	156.3
Worcester	182.5	Worcester	181.0	Anne Arundel	155.4
Dorchester	182.5			Charles	155.1
Frederick	181.7	Charles	179.1	Montgomery	150.7
		Somerset	178.4	St. Mary's	147.3
Somerset	179.4	Garrett	177.1		
Baltimore City...	184.0	Baltimore City...	188.9	Baltimore City...	189.1
State Average....	186.0	State Average....	187.3	State Average....	172.4

*Colored High Schools: County Average, 171.5. Frederick 191, Allegany 190, Talbot 164, Carroll 161, Charles 161, Kent 161, Wicomico 157, Baltimore City 184. State Average 181.1.

See page 217 for counties arranged in alphabetical order.

TABLE 12.

NUMBER AND PER CENT OF WHITE ELEMENTARY SCHOOLS IN SESSION FEWER THAN 180 DAYS.

COUNTY	One Teacher Schools Open Fower than 180 Days Per Cent.	160 Days No.	No.	COUNTY	Two Teacher Schools Open Fewer than 180 Days. Per Cent.	No.	COUNTY	Graded Schools Open Fewer than 180 Days. Per Cent.	No.
County Average.....	19.3	211	32	County Average.....	8.5	23	County Average.....	3.1	8
Cecil	2.0	1	..	Frederick	4.3	1	Baltimore	2.9	1§
Wicomico	2.4	1	..	Anne Arundel.....	8.3	1†	Montgomery	7.7	1
Anne Arundel.....	3.2	1	..	St. Mary's.....	12.5	1	Washington	13.6	3
Howard	3.2	1	..	Worcester	14.3	1	Somerset	33.3	3
Harford	3.8	2	..	Garrett	20.0	3			
Montgomery	5.1	2	..	Washington	21.0	4			
Baltimore	5.3	2	..	Charles	55.5	5			
Talbot	6.7	1	1	Somerset	75.5	6			
Frederick	8.3	8	..						
Prince George's.....	11.4	4	..						
Carroll	12.6	12	3						
Calvert	13.3	4	..						
St. Mary's.....	15.9	7	..						
Kent	16.7	4	..						
Allegany	20.0	10	1†						
Caroline	24.1	7	2						
Washington	25.6	20	1†						
Dorchester	29.2	14	1†						
Worcester	31.4	11	..						
Garrett	48.0	60	18*						
Somerset	50.0	15	1‡						
Charles	58.7	24	4						

*Seven schools closed for low attendance.
†Opened late.
‡Closed during December.
§Towson Training School of Maryland State Normal School.

TABLE 13.

NUMBER OF COLORED SCHOOLS IN SESSION FEWER THAN 160 DAYS.

COUNTY	Per Cent. of Schools in Session Fewer than 160 Days	Number of Colored Elementary Schools in Session. Fewer than 160 Days	Fewer than 140 Days	Fewer than 120 Days
County Average	39.5	206	35	15
Baltimore	3.4	1	..	..
Queen Anne's	4.8	1	..	..
Harford	5.3	1	..	..
Cecil	7.1	‡1	..	..
Prince George's	9.8	4	1	..
Carroll	10.0	1	1	1
Washington	11.1	§1	..	..
Frederick	19.2	5	2	*1
Talbot	22.8	5	1	1
Calvert	23.8	5	..	..
Somerset	24.1	7	..	..
Caroline	35.0	7	..	..
Worcester	40.0	10	1	1
Wicomico	45.0	9	..	..
Charles	46.9	15	4	‡§3
Dorchester	48.8	20	5	‡§3
Howard	57.1	8	..	..
Kent	58.4	14	2	§1
Montgomery.	75.7	25	5	§2
Anne Arundel	90.3	37	*6	*†1
St. Mary's	100.0	29	7	1

*Opened late.
†New Building.
‡Closed for low attendance.
§Closed early.

PER CENT OF ATTENDANCE

During the school year ending in June, 1923, for every one hundred children belonging to the school* on the average, 92 were in average attendance in white county high schools, 84 in white elementary schools, and 76 in colored elementary schools. Comparable figures for previous years on this same basis are not available. It is interesting to note that the high schools are as much ahead of the elementary schools (8 per cent) as the white elementary are ahead of the colored elementary schools. (See Charts M, N and O and page 218. For individual high schools see pages 232-237.)

CHART M

Counties	Per Cent	Per Cent of Average Number Belonging in Average Attendance in White High Schools.
County Average	91.9	
Allegany	94.8	
Calvert	93.5	
Talbot	93.2	
Washington	93.1	
Dorchester	92.4	
Wicomico	92.3	
Anne Arundel	92.1	
Cecil	92.0	
Queen Anne's	91.9	
Prince George's	91.8	
Worcester	91.7	
Frederick	91.5	
Somerset	91.4	
Baltimore	91.3	
Caroline	91.2	
Harford	91.2	
Kent	90.2	
Garrett	90.2	
Howard	89.9	
Montgomery	88.9	
Charles	88.7	
Carroll	88.7	
St. Mary's	86.8	
Baltimore City	91.5	
Maryland	91.6	

* A child belongs to the school from the date of his entrance to the date of his permanent withdrawal, possible only when he has the legal right to withdraw.

CHART N

Per Cent of Average Number Belonging in Average Attendance in White Elementary Schools

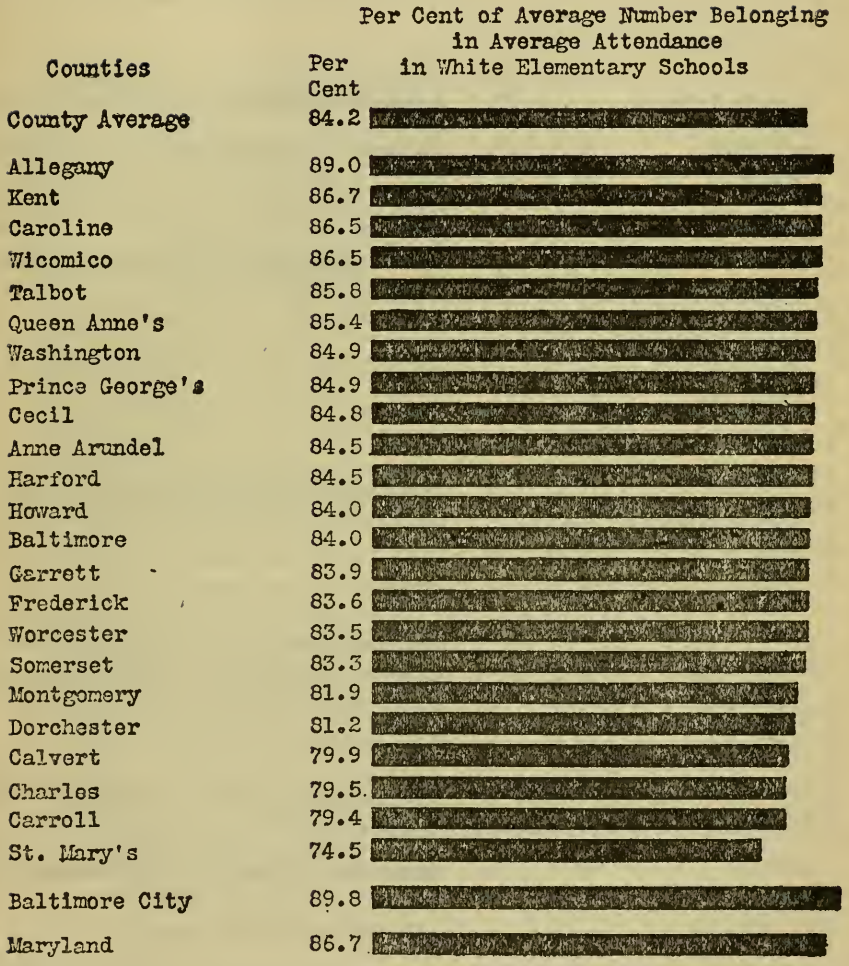
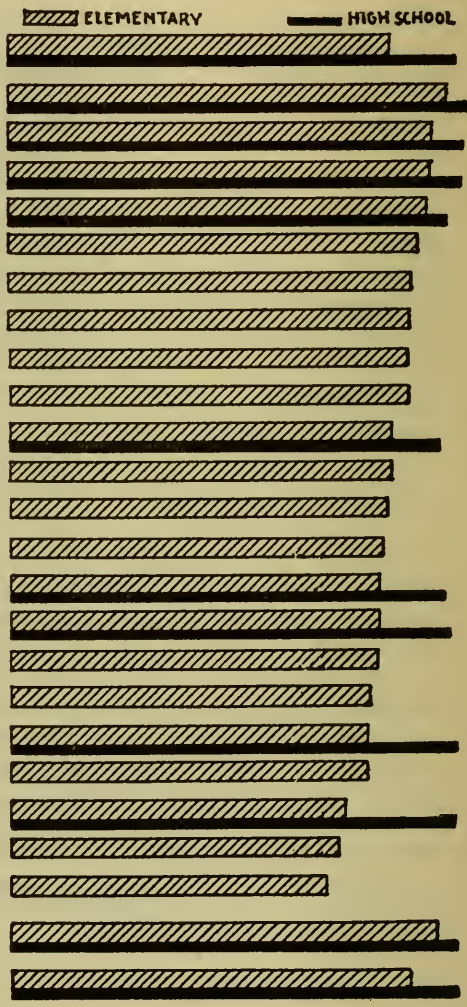


CHART O

Per Cent of Average Number Belonging in Average Attendance in Colored Elementary and High Schools

Counties	Elementary	High
County Average	76.2	89.3
Allegany	87.4	93.5
Wicomico	84.8	90.5
Frederick	84.6	90.5
Talbot	84.3	87.3
Washington	81.7	-
Montgomery	80.8	-
Somerset	80.5	-
Worcester	80.1	-
Harford	79.9	-
Caroline	76.4	85.6
Prince George's	76.4	-
Baltimore	75.4	-
Cecil	74.4	-
Kent	73.4	86.3
Dorchester	73.2	87.4
Queen Anne's	73.1	-
Carroll	72.0	-
Anne Arundel	71.2	88.9
Howard	71.0	-
Charles	66.8	88.4
Calvert	65.3	-
St. Mary's	62.9	-
Baltimore City	87.0	88.8
Maryland	79.9	88.9



Allegany leads the counties in all except the rural schools. Attendance in Baltimore City is higher than in the majority of the counties except in white high schools. In the latter schools Baltimore City ranks with the median county.

There is a difference in per cent of attendance between the highest and lowest counties of 8 per cent in white high schools, 15 per cent in white elementary schools, and 25 per cent in colored schools.

Good attendance is more easily secured in cities or towns where transportation facilities are available over good roads than in the rural sections not so well provided. Allegany County, which ranks high, has a very large proportion of its pupils in the large graded schools of Cumberland, while other counties have larger numbers of children living in more or less rural communities with small one- and two-teacher schools available and road conditions varying from bad to good. While these different physical conditions are factors, they can not wholly explain the wide variations existing in attendance.

Health conditions in the counties have much to do with the prevalence of sickness and epidemics. The counties having an efficient nurse at work should in the long run do such preventive work and encourage health education to the extent that children will not need to lose as much time as they do at present for preventable sickness.

The sentiment of the community toward education is, however, a controlling factor in influencing parents to keep their children in school while it is in session. An efficient, well-trained teacher who has the interest and love of her pupils can accomplish much if she has the cooperation of parents who are anxious to have their children take advantage of the opportunity for an education at the time it is offered to them.

Caroline County, for example, has put into effect a flexible schedule of school hours during the spring and fall months, which will aid the farmers to sow and harvest their crops but also leave time for school work. Each teacher finds out how the school schedule can fit in best with the train schedule and the necessity of having farm products ready for the train. The parents and the teacher can thus come to a reasonable agreement which will meet the needs of both. Caroline County leads the State in per cent of attendance in one-teacher schools. This flexible schedule may be one factor in giving Caroline County this position.

An efficient, well-trained teacher who has to deal with parents not interested in the ultimate welfare of their children but exploiting them for the products of their labor, can not get the best results in such a community until she has done a missionary job in converting her patrons to the value of education. The attendance officer and courts must back her up in the enforcement of the law.

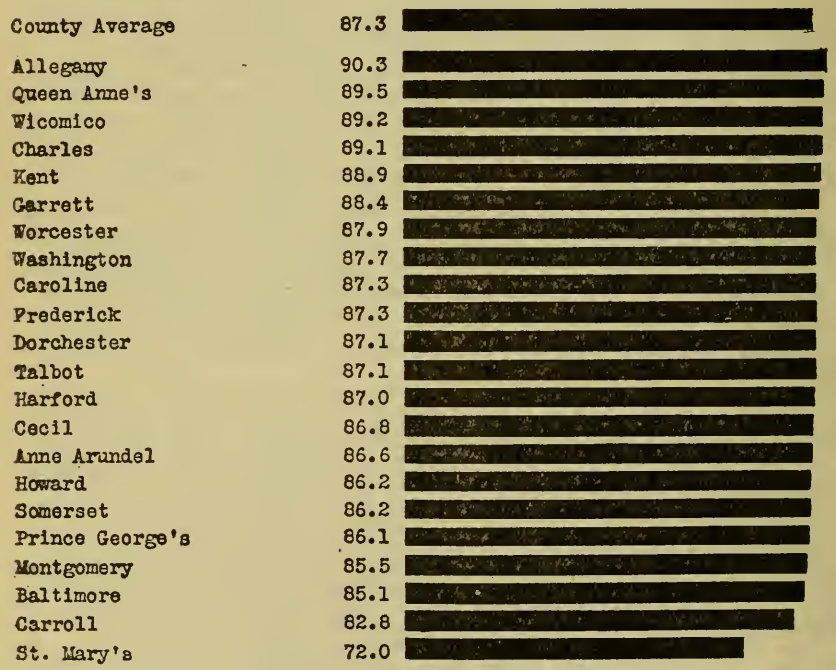
A poor teacher without training and without real interest in the children can do little to convince parents that the children are better off in school than at work. The need for improving attendance is still

another reason for securing teachers with professional interest in their work and with a love for children.

The per cent of attendance is 8 per cent higher in the larger schools than in the one-teacher schools. In the white one-teacher schools it is only 79.4, in the two-teacher schools 82.2, and in the larger schools it is 87.3 per cent. In only four counties—Talbot, Howard, Baltimore, and Somerset—is attendance in two-teacher schools poorer than in one-teacher schools, and in only one—St. Mary's—is it poorer in the graded than in one- and two-teacher schools. (See Charts P and Q and page 218.)

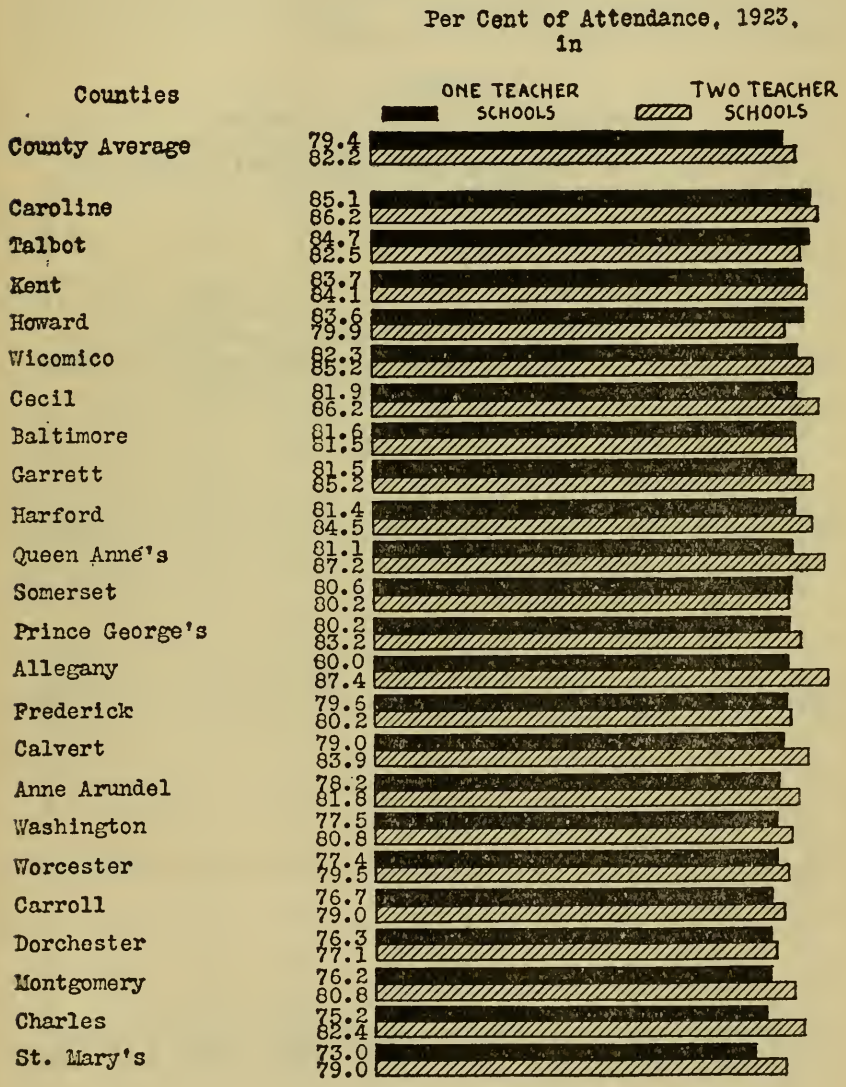
CHART P

Per Cent of Attendance, 1923, in Graded Schools



All except five counties* reported their per cent of attendance by months. The summary of the figures for white schools shows that attendance was highest in September and decreased each month until February, after which it improved until the end of the year, never,

CHART Q

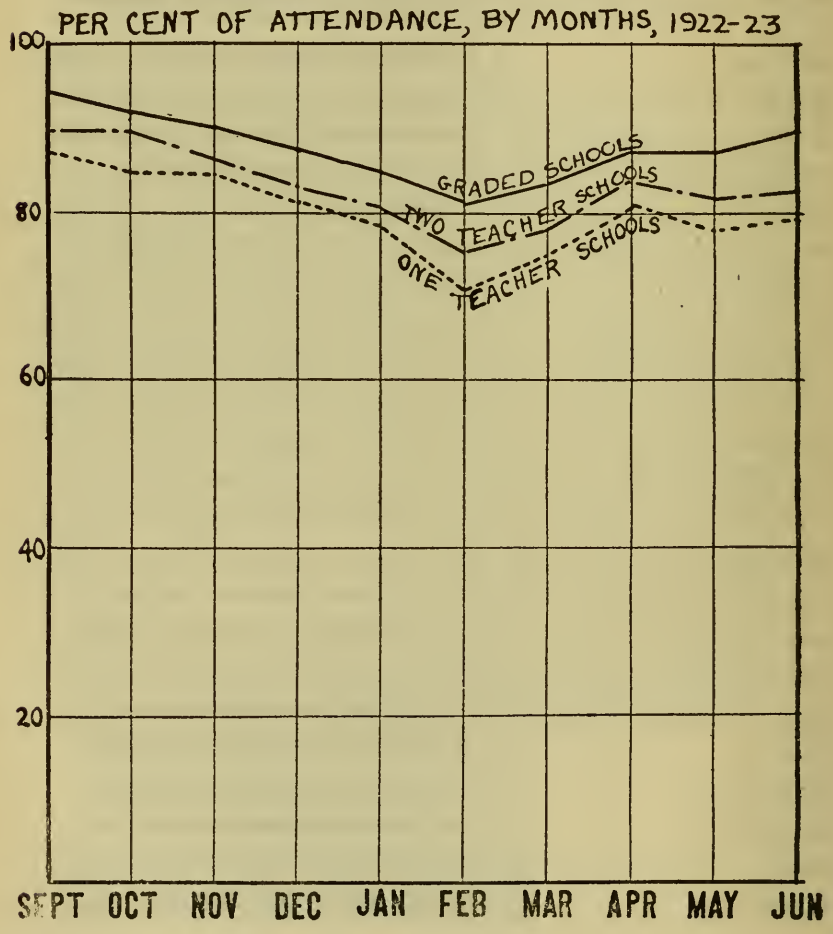


however, reaching the high point of the first three months of the year. (See Chart R.)

Without exception during each month the per cent of attendance in graded schools was higher than that in one-teacher schools. Higher standards should, therefore, be held before the graded schools—probably 87.5 per cent; 83 per cent for the two-teacher schools; and 80 per cent for the one-teacher schools. Attempts should be made to improve attendance during the winter months.

CHART R

MARYLAND COUNTY WHITE SCHOOLS



* Caroline, Carroll, Queen Anne's, Talbot and Worcester.

TABLE 14.

PER CENT OF ATTENDANCE BY MONTHS IN EIGHTEEN MARYLAND COUNTIES

(School Year Ending in June, 1923)

MONTHS	Per Cent of Attendance in White Schools					Per cent of Attendance in Colored Schools	
	One Teacher Schools	Two Teacher Schools	Graded Schools	All Elementary Schools	High Second	Elementary Schools	High Schools
September	86.7	89.9	94.0	91.6	95.2	94.8	93.8
October	84.4	87.5	91.4	88.9	92.3	81.0	91.1
November	84.5	86.1	90.0	87.8	93.1	79.5	90.2
December	81.5	83.4	87.1	85.1	91.0	73.2	87.7
January	78.4	80.5	84.9	82.3	91.1	80.6	87.7
February	70.8	75.0	81.1	77.2	87.9	66.4	82.9
March	74.5	77.8	83.7	80.2	89.6	71.5	88.7
April	80.6	83.5	86.9	84.6	91.8	76.2	91.2
May	77.8	81.5	87.0	83.6	92.1	75.6	89.5
June	78.8	82.4	89.5	85.5	94.9	80.0	87.5
All Counties—Entire year	79.4	82.2	87.3	84.2	91.7	76.2	89.3

PERSISTENCE THROUGH HIGH SCHOOL

County White High Schools Graduate Nearly 2,000 Pupils

The number of graduates from county high schools for the past three years has been increasing about twenty per cent a year, the increase over last year being 320, making the total 1,953. Of these, 686, or just over one-third, are boys.

Charles County sent out its first graduating class of nine pupils this year. Every county increased the number of graduates except Queen Anne's, Anne Arundel, and Worcester. (See Chart S and for individual high schools, pages 238-243.)

Baltimore City had 1,167 graduates, of whom 520 were boys and 647 girls.

CHART S

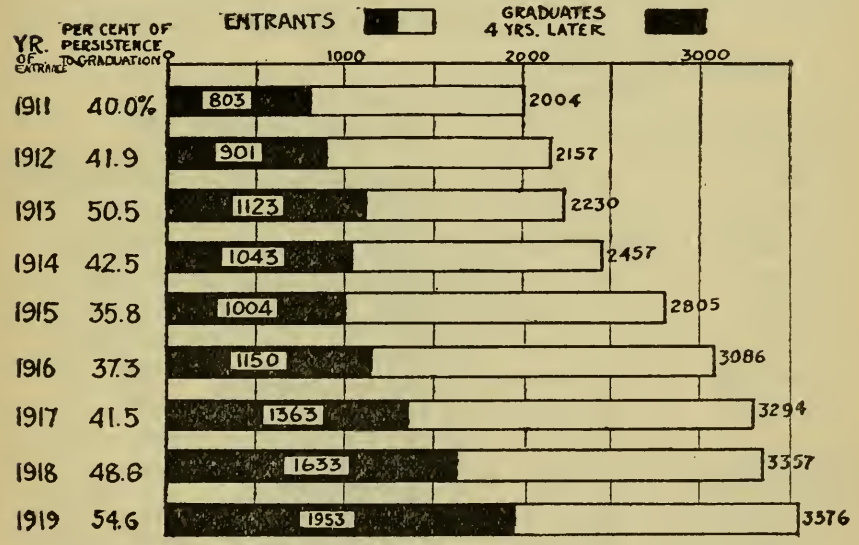
Counties	Graduates 1921	1922	1923	White High School Graduates - 1923 BOYS	GIRLS
Frederick	153	180	222	88	134
Baltimore	132	187	212	79	133
Allegany	188	174	210	63	147
Washington	96	162	172	68	104
Wicomico	64	78	124	37	87
Carroll	58	84	101	34	67
Worcester	76	96	95	31	64
Dorchester	49	77	85	32	53
Prince George's	62	69	82	39	43
Harford	69	76	81	27	54
Montgomery	30	63	70	17	53
Caroline	65	52	67	17	50
Cecil	62	49	62	22	40
Garrett	19	34	61	27	34
Anne Arundel	51	63	60	19	41
Talbot	38	42	58	23	35
Kent	38	33	51	18	33
Queen Anne's	49	56	50	11	39
Somerset	46	40	47	22	25
Howard	18	18	34	18	16
Charles	-	-	9	4	5
Total Graduates in Counties	1363	1633	1953	686 boys	1267 girls
Baltimore City			1167	520 boys	647 girls

High Schools Are Holding More Pupils Through School

The holding power of the high schools was greater in 1922-1923 than at any previous time, and six per cent greater than the previous year. The first year enrollment in September, 1919, was 3,576. The graduates in June, 1923, numbered 1,953, making a persistence to graduation of 54.6 per cent. The closest approach to this holding power for the white high schools was for the class graduating in 1917, which held 50.5 per cent of the enrollment which entered in 1913. (See Chart T.)

CHART T

PERSISTENCE OF FIRST YEAR WHITE HIGH SCHOOL CLASSES OF 1911-1919 TO GRADUATION, 1915-1923, IN MARYLAND COUNTIES



The percentage of survival of pupils through high school was greater than for the previous year in every county except Washington, Queen Anne's, Worcester, and Harford. The most notable gains in per cent of persistence were made in Howard, Carroll, Garrett, and Kent counties, ranging from 29 to 16 per cent. (See first three columns on Chart U.)

Girls Stay in High School Longer Than Boys

Two-thirds of the girls on the average stayed on to graduate in 1923, while only 44 per cent of the boys remained through school. In Queen Anne's 22 boys per hundred stayed on to graduate, while in Kent nearly 60 per cent stayed on through high school. Kent held 97 per cent of its girls in contrast with only 46 in Harford. (See black bars on Chart U for boys and shaded bars for girls.)

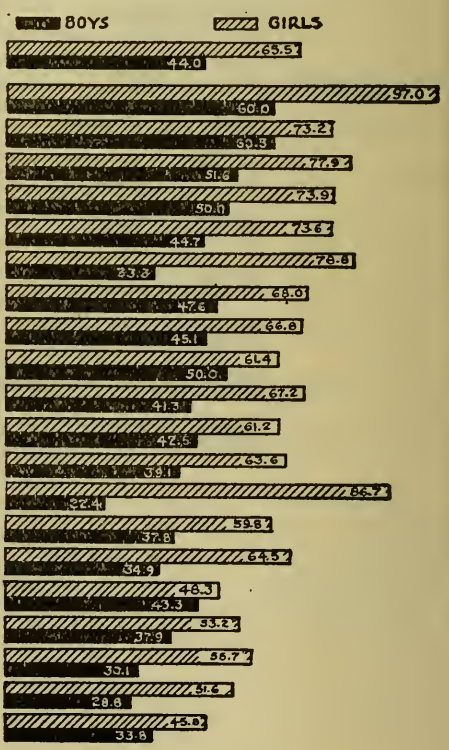
Can the high schools account for these wide variations? What are the factors? Traditions in the community, the influence of the teachers, the degree to which the courses offered meet the needs of the community, the opportunity young people have to get work,—are these worth investigating?

CHART U

WHITE HIGH SCHOOLS—MARYLAND COUNTIES

Per Cent of Persistence to Graduation

Counties	1919-1920 First Year Enrollment	1922	1923
County Average	3576	48.6	54.6
Kent	64	63.4	79.7
Frederick	329	61.0	67.5
Dorchester	130	56.2	65.4
Garrett	100	43.6	61.0
Carroll	167	41.8	60.5
Howard	57	30.5	59.6
Washington	296	61.3	58.1
Baltimore	374	54.7	56.7
Talbot	103	50.0	56.3
Anne Arundel	107	48.9	56.1
Montgomery	126	54.8	55.6
Allegany	392	42.0	53.5
Queen Anne's	94	56.6	53.2
Worcester	189	53.6	50.3
Cecil	125	40.5	49.6
Prince George's	179	40.6	45.8
Somerset	105	35.7	44.8
Wicomico	285	40.2	43.5
Caroline	156	37.4	43.0
Harford	198	44.0	40.9



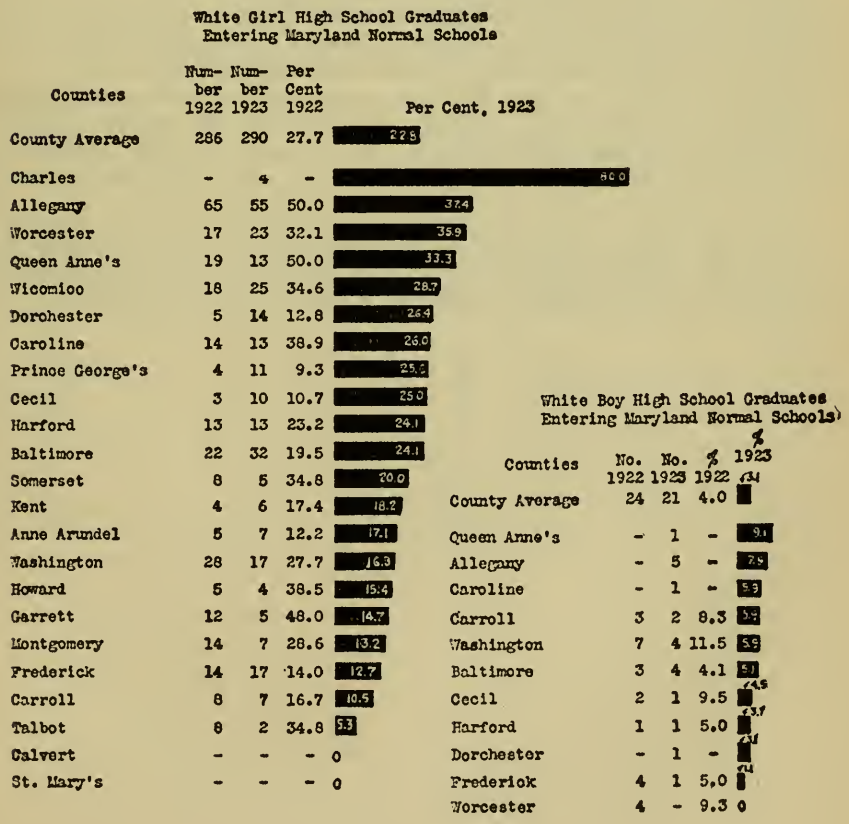
High School Graduates Enter Normal Schools.

The Maryland State normal schools attracted 290 girls and 21 boys who graduated from white high schools in 1923. This means that 23 of every 100 girls and 3 of every 100 boys who graduated from high schools are preparing to teach in our elementary schools. While the proportion is not so large as the previous year, the number is larger. The limited dormitory facilities available at Towson and Frostburg probably have had some effect in keeping down the normal school enrollment.

The number and per cent of graduates who entered normal schools in 1923 for each county are shown in Chart V, and for each individual high school in Table XXII, pages 238 to 243. (See Map, page 195.)

CHART V

WHITE HIGH SCHOOL GRADUATES ENTERING MARYLAND NORMAL SCHOOLS, 1922 AND 1923


White Girl High School Graduates Entering Maryland Normal Schools
Counties
Number 1922
Number 1923
Per Cent 1922
Per Cent, 1923
County Average 286 290 27.7 22.8
Charles - 4 - 80.0
Allegany 65 55 50.0 37.4
Worcester 17 23 32.1 35.9
Queen Anne's 19 13 50.0 33.3
Wicomico 18 25 34.6 28.7
Dorchester 5 14 12.8 26.4
Caroline 14 13 38.9 26.0
Prince George's 4 11 9.3 25.
Cecil 3 10 10.7 25.0
Harford 13 13 23.2 24.1
Baltimore 22 32 19.5 24.1
Somerset 8 5 34.8 20.0
Kent 4 6 17.4 18.2
Anne Arundel 5 7 12.2 17.1
Washington 28 17 27.7 16.3
Howard 5 4 38.5 15.4
Garrett 12 5 48.0 14.7
Montgomery 14 7 28.6 13.2
Frederick 14 17 14.0 12.7
Carroll 8 7 16.7 10.5
Talbot 8 2 34.8 5.3
Calvert - - - 0
St. Mary's - - - 0
White Boy High School Graduates Entering Maryland Normal Schools
Counties
No. 1922
No. 1923
% 1922
% 1923
County Average 24 21 4.0
Queen Anne's - 1 -
Allegany - 5 -
Caroline - 1 -
Carroll 3 2 8.3
Washington 7 4 11.5
Baltimore 3 4 4.1
Cecil 2 1 9.5
Harford 1 1 5.0
Dorchester - 1 -
Frederick 4 1 5.0
Worcester 4 - 9.3 0

Non-Promotion and Withdrawals in High Schools.

All pupils in white high schools were considered not promoted if they did not make the full number of credits for each year. It is admitted that it would be preferable to get data of failures by subjects rather than to use the arbitrary basis below, and in another year it may be possible to do so.

YEAR	NUMBER OF CREDITS EARNED Determining Promotion or Non-Promotion	
	Not Promoted	Promoted
I	0– 3	4
II	4– 7	8
III	8–11	12
IV	12–15	16

On the basis above, 27 out of each 100 white high school pupils enrolled who did not withdraw by transfer or death were not promoted through failure to complete all their subjects satisfactorily or because they withdrew from school to work or for other reasons. In the first year there were more failures and withdrawals—37 for each 100 pupils. After that they decrease each year—30 in the second, 20 in the third, and 6 in the fourth year for each 100 pupils. Pupils who are not capable of or interested in the work drop out and those who remain to the later years are found doing more satisfactory work.

The counties are arranged in Table 15 in the order of the per cent of all white high school pupils not promoted for unsatisfactory work or withdrawal, and the per cent of non-promotions for each year are also given. On pages 238 to 243 the figures for each high school are given.

TABLE 15—PER CENT OF WHITE HIGH SCHOOL PUPILS NOT PROMOTED IN 1923, BY YEARS

COUNTY	YEAR				Total
	I	II	III	IV	
County Average	36.6	29.7	20.3	6.0	27.2
Charles	20.0	20.0	0	0	15.9
Talbot	28.1	11.2	10.8	4.9	16.7
Anne Arundel	33.9	13.3	19.8	3.2	20.8
Carroll	32.2	19.8	17.0	8.2	22.3
Cecil	36.7	20.1	9.0	4.6	23.3
Baltimore	31.4	30.1	15.8	3.6	23.8
Somerset	28.9	28.1	20.7	7.8	24.3
Frederick	33.1	26.5	23.7	5.1	24.7
Washington	27.9	33.9	21.5	5.0	24.7
Queen Anne's	40.7	30.3	10.5	7.4	27.0
Wicomico	37.8	29.4	21.6	6.8	28.1
Worcester	37.1	35.4	16.0	15.2	28.8
Allegany	39.6	31.2	23.3	3.7	29.4
Calvert	34.5	26.8	25.0	—	29.6
Caroline	44.2	26.8	20.7	0	29.6
Howard	31.6	39.7	27.7	5.6	29.8
Montgomery	40.5	33.8	23.4	9.1	31.1
Garrett	38.1	43.0	21.3	4.7	31.8
Dorchester	47.0	29.0	21.5	7.6	32.1
Prince George's	43.3	39.3	17.9	8.9	33.3
Harford	43.8	35.7	29.6	6.9	33.8
Kent	47.2	48.2	25.8	5.6	34.4
St. Mary's	53.4	16.7	—	—	42.9

GRADUATES OF ELEMENTARY SCHOOLS

There were 7,336 graduates of the white elementary schools in 1923, of whom 4,136 were girls and only 3,200 boys. A total of 4,658 of these graduates are from the graded schools, 1,143 from the two-teacher schools, and 1,535 from the one-teacher schools. There were 987 graduates from the colored elementary schools.

If all children received regular promotions and continued through school to graduation and the population were not increasing, the maximum percentage of graduates possible to the total elementary school enrollment with a seven-grade elementary course would be 14.3, and with an eight-grade course 12.5. For every 100 elementary pupils enrolled in Maryland counties in the various types of schools in 1923, there were the following graduates:

TABLE 16

Type of School	Per Cent. of Graduates to Total Enrollment		
	Boys	Girls	Total
White one-teacher schools	3.8	6.5	5.1
White two-teacher schools	5.9	8.2	7.0
White graded schools	7.5	9.6	8.5
All white elementary schools	6.1	8.5	7.2
All colored elementary schools	2.3	4.3	3.3

Of the white schools, those having one teacher make the poorest record, and the graded schools have the largest proportion of graduates. To a certain extent, this may be due partially to the fact that children staying on to graduate, who intend entering high school, may transfer from the one-teacher schools and travel greater distances to obtain the advantage of a graded school for the work of the upper grades.

Carroll County is a good illustration of this condition, for there are only six grades in most of the one-teacher schools.

Another significant fact which is evident is that more girls than boys remain to graduate from the elementary schools. With very few exceptions (7), this is true throughout the counties for all types of schools.

In the individual county the range among boys in the per cent of white graduates to total white enrollment is from 4 per cent in Washington to 8.2 per cent in Montgomery, and among girls from 5.5 per cent in Washington to 11 per cent in Howard. (See Table 17.)

The proportion of pupils who can be held until graduation from an elementary school is one test of the holding power and efficiency of a school system.

TABLE 17.

COUNTY	NUMBER OF ELEMENTARY SCHOOL GRADUATES IN 1923										PER CENT ELEMENTARY SCHOOL GRADUATES ARE OF TOTAL ELEMENTARY SCHOOL ENROLLMENT, 1923									
	White One Teacher Schools		White Two Teacher Schools		White Graded Schools		All White Elementary Schools		Colored Elementary Schools		White One Teacher Schools		White Two Teacher Schools		White Graded Schools		All White Elementary Schools		Colored Elementary Schools	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Total	608	927	501	642	2,091	2,567	3,200	4,136	350	637	3.8	6.5	5.9	8.2	7.5	9.6	6.1	8.5	2.3	4.3
Allegany	13	18	8	16	256	326	277	360	1	5	2.2	3.5	1.8	3.7	6.2	8.4	5.4	7.2	.7	3.8
Anne Arundel	6	7	17	23	74	119	97	149	5	2	1.5	1.9	5.1	8.0	4.6	7.4	4.1	6.6	.4	.1
Baltimore	*49	*65	*82	*106	*383	*408	*514	*579	*62	*95	*6.7	*9.7	*6.0	*8.4	*8.6	*10.1	*7.9	*9.7	*6.9	*10.3
Calvert	24	39	12	14	—	—	36	53	8	20	5.5	9.2	14.5	15.2	—	—	7.0	10.5	1.2	3.3
Caroline	25	29	13	14	70	87	108	130	14	17	5.6	7.7	5.3	7.1	8.3	13.0	7.0	10.5	2.2	3.1
Carroll	5	12	23	41	108	157	136	210	6	15	.3	.9	5.9	12.3	9.8	15.0	4.6	7.8	2.9	7.0
Cecil	43	56	19	27	44	73	106	156	7	17	6.5	10.0	7.9	12.1	6.0	10.0	6.5	10.3	2.9	6.1
Charles	30	49	13	21	10	10	53	80	13	42	5.7	11.8	4.5	8.2	9.1	8.4	5.7	10.1	1.5	4.8
Dorchester	31	74	54	27	48	52	133	153	20	29	5.1	11.9	15.0	9.8	6.5	7.2	7.8	9.5	2.2	3.3
Frederick	46	77	37	35	175	239	258	351	25	33	3.0	5.6	6.3	6.6	8.6	11.8	6.2	8.9	4.4	6.1
Garrett	43	105	38	45	38	41	119	191	—	—	2.8	7.0	8.3	9.7	7.5	8.9	4.8	7.9	—	—
Harford	39	38	23	47	76	84	138	169	18	30	4.8	5.6	5.5	11.3	9.1	11.4	6.7	9.2	4.1	6.7
Howard	33	42	12	13	34	46	79	101	4	12	6.7	10.9	5.9	8.1	8.6	12.4	7.2	11.0	1.0	3.1
Kent	9	10	5	4	22	41	36	55	4	15	4.0	4.2	4.2	3.2	4.8	8.8	4.5	6.6	.7	2.7
Montgomery	38	43	33	37	110	117	181	197	13	38	5.5	7.2	7.6	9.2	10.2	11.1	8.2	9.6	1.4	4.3
Prince George's	33	39	32	31	167	169	232	239	30	64	6.0	8.1	6.0	5.9	8.5	9.4	7.6	8.5	2.4	4.8
Queen Anne's	25	35	8	25	25	28	58	88	3	10	5.5	8.3	3.7	13.0	6.9	8.7	5.6	9.4	.6	2.0
St. Mary's	31	51	15	18	3	4	49	73	4	15	4.2	8.0	5.3	7.1	4.8	6.2	4.5	7.7	.6	2.2
Somerset	26	28	19	20	39	61	84	109	47	67	5.3	6.5	7.7	8.0	5.4	8.3	5.7	7.7	4.6	6.3
Talbot	6	11	4	15	78	63	88	89	17	32	2.8	5.9	2.1	8.0	11.8	10.6	8.3	9.2	2.6	5.1
Washington	7	27	15	32	184	226	206	285	7	7	.6	2.5	2.3	5.2	5.4	6.6	4.0	5.5	4.1	3.7
Wicomico	36	50	14	24	71	114	121	188	28	52	6.0	8.5	6.8	11.6	6.5	11.1	6.1	10.3	3.5	6.7
Worcester	10	22	5	7	76	102	91	131	14	20	2.1	4.9	2.2	3.8	9.9	14.3	6.2	9.7	1.5	2.0

*Includes pupils promoted in grades seven and eight.

NON-PROMOTIONS IN ELEMENTARY SCHOOLS

Over 22,000 white pupils and 10,000 colored pupils in county elementary schools were not promoted in 1923. This means that for every 100 pupils enrolled, excluding withdrawals by transfer or death, 22 white pupils and 36 colored pupils were not considered by their teachers ready to take up work of the grade above the one in which they were enrolled during the year ending in June, 1923.

In every type of school the boys not promoted outnumbered the girls, and the chances for failure in the one-teacher schools were 50 per cent greater than in the graded schools.

TABLE 18.

Type of School	Number Not Promoted		Per Cent. Not Promoted	
	Boys	Girls	Boys	Girls
White one-teacher schools	5,188	3,379	32.6	23.5
White two-teacher schools	2,342	1,439	27.5	18.3
White graded schools	5,905	3,768	21.1	14.1
All white elementary schools	13,435	8,586	25.6	17.5
Colored elementary schools	5,722	4,616	38.3	31.1

The per cent of pupils who failed in each type of school in each county is shown in Table 19, and on the right of the page the ranking of each county in per cent of failures, beginning with the smallest, is given.

Failures by Grades.

A smaller proportion of second grade pupils appear to have failed than pupils in any other grade. The percentage of failures in the first grade is very high in all types of schools. Some of this is probably due to admission of first grade children late in the year. In every grade the percentage of failures in one-teacher schools is higher than in two-teacher schools, and it is higher in the two-teacher schools than in the graded schools. (See Table 20.)

PER CENT OF ELEMENTARY PUPILS NOT PROMOTED IN 1923

COUNTY	PER CENT OF PUPILS NOT PROMOTED										RANK IN PER CENT OF PUPILS NOT PROMOTED									
	WHITE SCHOOLS								Colored Elementary Schools		WHITE SCHOOLS								Colored Elementary Schools	
	One Teacher Schools		Two Teacher Schools		Graded Schools		All Elementary Schools				One Teacher Schools		Two Teacher Schools		Graded Schools		All Elementary Schools			
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
County Average	32.6	23.5	27.5	18.3	21.1	14.1	25.6	17.5	38.3	31.1	--	--	--	--	--	--	--	--	--	--
Allegany	26.0	19.3	16.6	13.1	13.4	8.4	15.5	10.0	30.4	23.7	4	10	2	7	2	1	1	1	4	4
Anne Arundel	26.0	22.6	16.5	12.2	21.7	16.8	21.7	17.2	37.4	29.9	5	15	1	6	9	16	5	13	12	12
Baltimore	22.2	14.7	24.1	15.6	19.7	14.3	20.9	14.6	24.8	20.2	2	4	9	9	5	11	4	6	2	2
Calvert	30.6	22.3	18.1	8.7	—	—	28.6	19.8	41.8	29.5	11	14	3	1	—	—	13	15	16	11
Caroline	31.6	14.2	33.7	15.8	29.5	13.0	30.8	13.8	46.2	38.4	12	2	18	10	21	8	18	4	19	19
Carroll	37.4	29.8	41.3	29.1	26.4	14.5	33.8	23.7	35.9	28.6	19	22	23	23	18	12	23	22	10	10
Cecil	20.8	15.5	20.9	11.7	20.4	12.8	20.6	13.6	22.5	25.0	1	6	5	4	8	7	3	3	1	6
Charles	30.1	14.2	19.7	16.0	22.7	20.2	26.0	15.7	41.1	36.7	10	1	4	11	10	21	11	8	15	17
Dorchester	43.5	28.0	32.2	24.3	26.3	13.8	33.7	21.1	40.8	30.8	23	20	16	18	17	10	22	19	14	13
Frederick	30.0	21.6	27.3	17.4	19.8	11.2	24.6	15.6	37.5	27.4	9	13	13	14	6	3	7	7	13	9
Garrett	35.8	33.8	25.9	22.8	13.0	10.9	29.3	27.3	—	—	17	23	12	16	1	2	14	23	—	—
Harford	36.3	24.2	22.7	15.5	27.9	19.7	30.2	20.4	34.8	25.0	18	16	7	8	20	19	15	17	8	5
Howard	26.0	14.8	33.3	26.9	20.0	12.1	25.2	15.8	46.6	32.5	6	5	17	21	7	4	10	9	20	15
Kent	27.2	18.9	21.8	10.4	23.7	13.3	24.4	14.5	52.0	42.6	7	9	6	2	13	9	6	5	21	21
Montgomery	32.6	20.9	27.3	17.0	18.4	12.7	24.6	15.9	44.3	37.3	15	12	14	13	4	6	9	10	17	18
Prince George's	28.0	17.8	25.5	16.7	23.4	16.3	24.6	16.6	31.5	25.9	8	7	11	12	12	15	8	11	6	8
Queen Anne's	32.4	18.4	31.8	18.1	27.5	14.6	30.5	17.1	36.7	34.4	14	8	15	15	19	13	17	12	11	16
St. Mary's	31.9	20.3	24.5	11.4	38.1	21.5	30.3	18.0	52.4	44.2	13	11	10	3	22	22	16	14	22	22
Somerset	38.1	27.0	34.8	28.1	25.1	19.6	31.1	23.4	34.9	31.6	20	18	19	22	15	18	21	21	9	14
Talbot	24.6	14.5	23.1	11.8	16.6	12.6	19.4	12.8	34.4	25.2	3	3	8	5	3	5	2	2	7	7
Washington	38.6	29.6	38.4	25.3	23.2	17.5	28.5	21.0	25.9	18.4	21	21	21	19	11	17	12	18	3	1
Wicomico	38.6	28.0	38.0	23.2	24.9	15.1	31.0	20.2	31.0	23.1	22	19	20	17	14	14	19	16	5	3
Worcester	35.7	25.6	38.4	25.5	25.8	19.9	31.0	22.5	44.6	39.0	16	7	22	20	16	20	20	20	18	20

TABLE 20—PER CENT OF ELEMENTARY PUPILS NOT PROMOTED IN 1923, BY GRADES

Type of School	Grade 1	2	3	4	5	6	7	Total
White One-Teacher Schools								
Boys	36.7	20.6	25.1	33.0	36.5	39.7	40.7	32.6
Girls	33.2	14.2	17.7	25.6	21.4	25.6	22.9	23.5
White Two-Teacher Schools								
Boys	31.9	18.6	18.6	31.2	30.1	31.9	30.2	27.5
Girls	28.4	11.7	11.9	18.8	18.5	15.4	18.4	18.3
White Graded Schools								
Boys	26.7	16.1	16.6	18.4	21.3	24.4	24.1	21.1
Girls	21.7	11.0	11.9	11.9	13.3	14.6	13.9	14.1
All White Elementary Schools								
Boys	31.2	17.9	19.7	25.1	27.2	29.8	29.0	25.6
Girls	26.7	12.1	13.7	17.3	16.5	17.7	16.8	17.5
Colored Elementary Schools								
Boys	45.1	30.5	34.2	36.7	37.7	40.0	33.8	38.3
Girls	43.0	24.3	25.7	28.0	29.0	24.1	24.5	31.1

Causes of Elementary School Failures.

Teachers were asked to give the major cause for each pupil's failure. The reasons given for 40 per cent of the failures are irregular attendance not due to sickness or unfortunate home conditions. The results of these reports are shown in Table 21. It will be noted that the one-teacher schools report a larger proportion of failures caused by "irregular attendance not due to sickness and 100-day pupils" than either the two-teacher or graded schools.

TABLE 21.

CAUSES OF NON-PROMOTION, MARYLAND COUNTIES, 1922-23

	WHITE				
	One Teacher	Two Teacher	Graded	All White Elementary Schools	Colored Elementary Schools
Personal illness	10.7	12.7	13.8	12.4	12.0
Irregular attendance not due to sickness	29.4	22.7	18.5	23.3	34.9
Late entrance other than 100 day pupil	8.2	7.7	6.1	7.2	10.7
100 day pupil	13.4	10.6	5.3	9.3	7.3
Mental incapacity	8.4	12.3	18.9	13.8	7.0
Unfortunate home conditions and lack of interest	16.1	16.2	20.9	18.3	17.4
Inadequate knowledge of English	.8	.9	1.6	1.2	.9
Transfer from another school.	4.6	5.4	4.7	4.8	2.1
Other causes	8.4	11.5	10.2	9.7	7.7
	100.0	100.0	100.0	100.0	100.0
Total number not promoted	8,567	3,781	9,673	22,021	10,338
Per cent not promoted	28.3	23.1	17.7	21.7	34.7
Number of boys not promoted	5,188	2,342	5,905	13,435	5,722
Number of girls not promoted	3,379	1,439	3,768	8,586	4,616
Per cent of boys not promoted	32.6	27.5	21.1	25.6	38.3
Per cent of girls not promoted	23.5	18.3	14.1	17.5	31.1

Over-Age Conditions.

The failure to promote boys and girls is one of the chief causes of excessive numbers of over-age pupils in certain counties. Through the use of the standard tests and remedial work with individual pupils, better attendance of pupils, more careful supervision under trained teachers, the number of over-age pupils should gradually be reduced. It is noticeable that certain counties with the worst over-age conditions show a small proportion of failures for 1923.

COURSES OFFERED AND CHOSEN IN HIGH SCHOOLS

In the county white high schools over 11,000 pupils, or nearly three-fourths of the total enrollment, choose, or in some cases are obliged to take, the academic course. (For graduation this course requires, among other subjects, the completion of two units of a foreign language.) The remaining 4,000 pupils are nearly equally divided between the commercial and the general courses. (See Table 22.) The smaller high schools can, of course, offer little choice. A single course is given in each of the three Southern Maryland counties, for instance, where public high schools have only recently been established. Four counties, Cecil, Dorchester, Talbot, and Worcester, offer the pupils in their largest schools a choice between the academic and commercial courses, but do not offer the general course. (For individual high schools see pages 238-243.)

In September, 1922, the Conference of County Superintendents decided that first group approved high schools having an average daily attendance of fewer than 75 pupils need no longer offer courses in manual training and domestic science. In approved high schools with an average attendance of more than 75 pupils, either these subjects must be offered or there must be substituted, for both boys and girls, courses in physical education, art, or music. The chief reason for this decision was the difficulty experienced in securing qualified manual training teachers.

The number and per cent of pupils taking these special subjects and also the same data for the students taking vocational agriculture and vocational home economics have been shown for the counties as a whole in Chart W and for each county in Table 23. Two-thirds of all high school boys and girls are receiving instruction in manual training and home economics. About one-third of all high school pupils are having music courses, and nearly one-seventh courses in physical education. The large high schools in the wealthier counties offer work in all of these subjects, in addition to the regular academic subjects required of all students. (For individual high schools see pages 238-243.)

CHART W

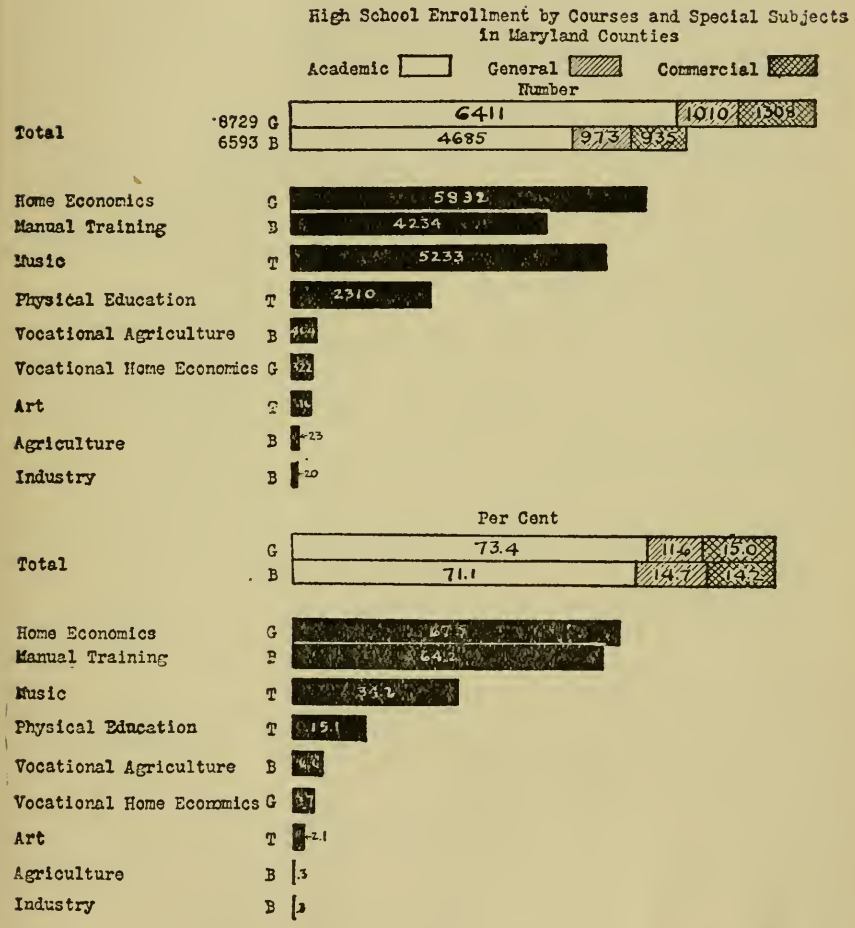

High School Enrollment by Courses and Special Subjects in Maryland Counties
Academic
General
Commercial
Number
Total
8729 G
6593 B
6411
1010
1308
4685
973
935
Home Economics G
Manual Training B
Music T
Physical Education T
Vocational Agriculture B
Vocational Home Economics G
Art T
Agriculture B
Industry B
5932
4234
5233
2310
123
20
Per Cent
Total
G
B
73.4
11.6
15.0
71.1
14.7
14.2
Home Economics G
Manual Training B
Music T
Physical Education T
Vocational Agriculture B
Vocational Home Economics G
Art T
Agriculture B
Industry B
67.5
64.2
34.2
15.1
2.1

TABLE 22.

DISTRIBUTION OF HIGH SCHOOL ENROLLMENT BY COURSES FOR YEAR ENDING JULY 31, 1923.

COUNTY	Total Enrollment		NUMBER ENROLLED IN						PER CENT ENROLLED IN					
			Academic Course		General Course		Commercial Course		Academic Course		General Course		Commercial Course	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
All Counties	6,593	8,729	4,685	6,411	973	1,010	935	1,308	71.1	73.4	14.7	11.6	14.2	15.0
Allegany	674	1,095	546	878	44	86	84	131	81.1	80.2	6.5	7.8	12.4	12.0
Anne Arundel	189	277	128	123	39	69	22	85	67.7	44.4	20.6	24.9	11.7	30.7
Baltimore	708	806	521	575	76	33	111	198	73.6	71.3	10.7	4.1	15.7	24.6
Calvert	61	82	----	----	61	82	----	----	----	----	100.0	100.0	----	----
Caroline	243	378	192	350	20	----	31	28	79.1	92.6	8.2	----	12.7	7.4
Carroll	337	453	197	300	100	99	40	54	58.5	66.3	29.7	21.8	11.8	11.9
Cecil	233	289	222	276	----	----	11	13	95.3	95.5	----	----	4.7	4.5
Charles	45	55	45	55	----	----	----	----	100.0	100.0	----	----	----	----
Dorchester	234	330	112	202	----	----	122	128	47.8	61.2	----	----	52.2	38.8
Frederick	689	738	376	450	75	80	238	208	54.6	61.0	10.9	10.8	34.5	28.2
Garrett	207	244	139	138	46	84	22	22	67.2	56.6	22.2	34.4	10.6	9.0
Harford	273	394	152	250	113	98	8	41	55.7	64.8	41.4	24.8	2.9	10.4
Howard	113	181	90	134	16	30	7	17	79.6	74.1	14.2	16.5	6.2	9.4
Kent	122	170	99	134	17	26	6	10	81.2	78.8	13.9	15.3	4.9	5.9
Montgomery	252	368	184	285	57	50	11	33	73.0	77.5	22.6	13.6	4.4	8.9
Prince George's	357	480	222	336	70	82	65	62	62.2	70.0	19.6	17.1	18.2	12.9
Queen Anne's	161	249	135	233	12	----	14	16	83.9	93.6	7.4	----	8.7	6.4
St. Mary's	8	16	----	----	8	16	----	----	----	----	100.0	100.0	----	----
Somerset	222	252	170	179	22	12	30	61	76.6	71.0	9.9	4.8	13.5	24.2
Talbot	199	243	178	201	----	----	21	42	89.5	82.8	----	----	10.5	17.2
Washington	627	664	531	593	46	15	50	56	84.8	89.4	7.3	2.2	7.9	8.4
Wicomico	389	555	217	345	151	148	21	62	55.8	62.2	38.8	26.7	5.4	11.1
Worcester	250	410	229	369	----	----	21	41	91.7	90.0	----	----	8.3	10.0

DISTRIBUTION OF HIGH SCHOOL PUPILS BY SPECIAL SUBJECT, YEAR ENDING JULY 31, 1923.

COUNTY	NUMBER TAKING							PER CENT. TAKING						
	Vocational							Vocational						
	Agriculture —Boys	Home Economics —Girls	Home Economics —Girls	Manual Training —Boys	Music	Art	Physical Education	Agriculture —Boys	Home Economics —Girls	Home Economics —Girls	Manual Training —Boys	Music	Art	Physical Education
All Counties	‡†*427	322	5,892	4,234	5,233	316	2,310	§ 6.0	3.7	67.5	64.2	34.2	2.1	15.1
Allegany	* 28	----	978	540	285	----	790	¶ 1.9	----	89.3	80.1	16.1	----	44.7
Anne Arundel	----	----	192	128	58	----	262	----	----	69.3	67.7	12.4	----	56.2
Baltimore	† 30	----	794	677	1,319	21	1,009	‖ 4.2	----	98.5	95.6	87.1	1.4	66.6
Calvert	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Caroline	34	----	235	123	----	----	----	14.0	----	62.2	50.6	----	----	----
Carroll	‡ 71	----	357	246	699	----	----	⊙ 21.1	----	78.8	73.0	88.4	----	----
Cecil	12	----	204	165	150	----	----	5.1	----	70.6	70.8	28.7	----	----
Charles	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dorchester	----	----	125	111	----	126	----	----	----	37.9	47.4	----	22.3	----
Frederick	34	78	245	262	826	----	----	4.9	10.7	33.2	38.0	----	57.9	----
Garrett	11	53	----	49	42	----	----	5.3	21.7	----	23.7	9.3	----	----
Harford	59	13	217	170	----	----	----	21.6	3.3	55.0	62.2	----	----	----
Howard	15	28	----	----	155	----	----	13.3	15.5	----	----	52.7	----	----
Kent	----	----	150	115	20	135	56	----	----	88.2	94.2	6.8	46.2	19.2
Montgomery	31	21	139	68	----	----	----	12.3	5.7	37.7	27.0	----	----	----
Prince George's	59	39	331	220	680	34	----	16.5	8.1	68.9	61.6	81.3	4.1	----
Queen Anne's	12	----	249	161	----	----	----	7.4	----	100.0	100.0	----	----	----
St. Mary's	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Somerset	----	----	176	78	----	----	----	----	----	69.8	35.1	----	----	----
Talbot	13	23	66	126	201	----	----	6.5	9.5	27.2	63.3	45.5	----	----
Washington	38	----	603	435	542	----	193	6.1	----	90.8	69.4	42.0	----	14.9
Wicomico	----	----	508	352	256	----	----	----	----	91.5	90.5	27.1	----	----
Worcester	----	67	297	208	----	----	----	----	16.3	72.4	83.2	----	----	----

*Includes 15 girls taking vocational agriculture.

†Includes 20 boys taking part time industrial work (Sparrows Point) and 10 boys taking Agriculture (Sparks), not considered vocational. The former are not included in the total above.

‡Includes 13 boys taking agriculture at the Charles Carroll School, not considered vocational.

§Girls .2 per cent not included. Part time industrial work, .3 per cent, and non-vocational agriculture, .3 per cent not included.

¶Girls 1.4 per cent not included.

‖Includes part time industrial work 2.8 per cent, and non-vocational agriculture 1.4 per cent.

⊙Includes 3.9 per cent for boys taking non-vocational agriculture.

USE OF STANDARD TESTS

From January, 1921, to the end of the school year, 1923, a two and a half year period, standard tests in silent reading and arithmetic were gradually introduced into the counties which had not yet, on a county-wide basis, used this means of improving instruction. In all except three of the counties, which carried out their own plans, about 40,000 children were given tests once or twice with the advice and co-operation of the State Department of Education. A staff, consisting of superintendent, supervising and helping teachers, attendance officers, and selected teachers, was trained in each county to give, score, and tabulate the results of the tests.

In recognition of the fact that diagnosis and follow-up work must, of course, come immediately after the testing, if improvement of instruction is to be secured, the supervisors and teachers were given help with remedial work for silent reading and arithmetic by means of bulletins prepared by the State Department, demonstration lessons, talks to teachers, and mimeographed material. The supervisors carried this work over to the teachers in visits to the classrooms and in teachers' meetings.

Tests Used

The Monroe Standardized Silent Reading Test, Revised, Forms 1, 2, and 3, and the Monroe Arithmetic Scales were the tests most frequently used. Several counties used the Haggerty Reading Examination, Sigma I, for the primary grades, and some use was made of the Buckingham Reasoning Test and the Iowa Spelling Scale.

Improvement In the Counties

In order that counties tested more than once may have a record of their improvement, the results, expressed in terms of grade achievement, are given on pages 226 to 231. The tests were given in different months. Standard scores for each grade for the different months were worked out. Scores made were then expressed in terms of the grade and month to which the nearest standard score belonged. A standard score is attained if, in the column for each particular grade, the figure before the decimal point is the same as the grade heading the column, and if the figure after the decimal point agrees with the figure in the column headed "month," at the left of the page.

For example, the median fifth grade child in the graded schools of Prince George's County, when tested in September, 1921, comprehended what he read as well as the standard child who is half way through the third grade (3.6). The standard for beginning the fifth grade is 5.1. In other words, the median fifth grade child in Prince George's was a year and a half below standard.

In May, 1922, these fifth grade children comprehended what they read nearly as well as the standard child beginning the fifth grade, the grade achievement being 4.8 compared with the May standard, 5.8. By this time the Prince George's children were only a year behind in reading ability, whereas seven months before they had been a year and a half behind. This means a gain of half a year over normal progress.

In April, 1923, the fifth grade children in Prince George's County graded schools were above the requirements for beginning the fifth grade (5.2), but had not reached 5.7, which is the standard score in April. They were therefore only a half year below where they should be and had gained a half year over their previous record.

These figures are summarized in the Table below:

TABLE 24.

GRADE ACHIEVEMENT IN READING COMPREHENSION IN PRINCE GEORGE'S GRADED SCHOOLS, OCTOBER, 1921—APRIL, 1923.

Date of Test	Form of Test	Grade Achievement Made	Standard Grade Achievement	Amount below Standard
October, 1921.....	1	3.6	5.1	1.5—one and a half years
May, 1922.....	2	4.8	5.8	1.0—one year
April, 1923.....	3	5.2	5.7	.5—one half year

Each county may study its own scores and judge of its improvement. The results all over the State in Form 3 of the test indicate that it was more difficult than Form 1 or 2. If counties have not improved in Form 3 as much as they had hoped, it is not entirely due to lack of progress but to the fact that the third form is not entirely comparable with the first two forms. Most counties were far below standard when the tests were first given, but improvement is evident on the later testing with a different form of the same test.

In addition to the work of the supervisors, one of the most important means of helping children to read with greater understanding and fluency was the provision of a larger amount of supplementary reading material. In the financially poorer counties this was made possible by the Equalization Fund.

Tables similar to those showing grade achievement in reading comprehension are given for rate of reading and for fundamentals in arithmetic. Nearly all of the counties are above standard in arithmetic, although many on the first testing were below. The use of the Courtis or Studebaker Practice Pads has been a great aid in helping children to improve in both speed and accuracy in the fundamental operations. (See pages 230-231.)

SPECIAL CLASSES FOR HANDICAPPED CHILDREN

Three counties are attempting to provide special classes in their county seats for abnormal schildren. These children usually can not be instructed with profit to themselves or to the normal pupils with whom they are associated if they are kept in the regular classes. In Westminster, Salisbury, and Easton (2 classes) these children are being given special opportunities in small classes, ranging in size from 17 to 26.

In Baltimore City nearly one thousand pupils were enrolled in special classes, exclusive of those in parental schools. There were 32 classes for mentally subnormal pupils, 7 for incorrigible boys, 6 for cripples, 6 for anaemic and tubercular pupils, one for the deaf, and one for convalescent children.

EVENING SCHOOLS—BALTIMORE CITY

The following figures are given to show what Baltimore City is doing in developing evening schools.

TABLE 25.

TYPE OF SCHOOL	Total Enrollment	Average Number		Per Cent of Attendance	Average Nights in Session	Average Number Teachers
		Belonging	Attending			
White:						
Elementary	3,570	2,101	1,681	80	71	73
Secondary	5,220	2,455	1,854	76	60	100
Total	8,790	4,556	3,535	78	65	173
Colored	2,208	1,322	955	72	77	48
Grand Total	10,998	5,878	4,490	76	68	221

The work covered courses in English and citizenship for the foreign born seeking to become naturalized citizens, courses in the elementary and secondary school subjects and courses preparing for vocations along commercial, industrial, and home economics' lines.

The expenditure for evening schools totaled $59,146.11, a cost per pupil belonging of $10.06 and per pupil attending on the average of $13.18.

SUMMER SCHOOLS

In the summer of 1923 Baltimore City had seven review schools and two demonstration schools. They provided for the following pupils:

TABLE 26.

TYPE OF SCHOOL	Total Enrollment	Average Number		Per Cent of Attendance	Days in Term	Number of Teachers
		Belonging	Attending			
Summer Review Schools						
White:						
Elementary	1,096	1,054	1,028	97	29	20
Secondary	913	848	804	95	38	17
Total	2,009	1,902	1,832	96	33	37
Colored:						
Elementary	172	157	149	95	29	5
Secondary	811	724	660	91	38	14
Total	983	881	809	92	36	19
Grand Total	2,992	2,783	2,641	95	34	56
Demonstration Schools						
White	663	565	533	94	38	22
Colored	226	160	132	83	38	5
Total	889	725	665	92	38	27
Grand Total	3,881	3,508	3,306	94	35	83

The cost of these schools was $17,485.21, a cost per pupil belonging of $4.98 and per pupil attending of $5.28.

Queen Anne's County also conducted a successful summer high school for pupils who had failed in their work.

ADMINISTRATION AND SUPERVISION IN MARYLAND COUNTIES

For the first time in 1923 there is a supervising or helping teacher in every county in Maryland. This is due to the 1922 law which requires that there shall be supervising or helping teachers in proportion to the number of white elementary teachers in each county, the State paying two thirds of the minimum salary. The number required is shown in Table 27, but a number of counties have not yet provided the full quota, because qualified persons were not available and it was deemed wiser to go slowly in enforcing the law until teachers and patrons could be convinced of the value of supervision.

Supervision in Maryland is accomplishing the following results in the elementary schools:

I. There is organization of what to teach where formerly there was chaos.

II. Higher standards of teaching have been set up and maintained in place of the low standards which formerly prevailed.

III. Definite standards for the progress of children are held up and reached where formerly there was no guide.

IV. The gradual elimination of the excessive number of over-age pupils is being brought about since the advent of supervision.

V. Physical conditions in the schools are much improved by reason of the supervisor's insistence.

VI. Teachers, from poorly prepared beginners to those of experience and superior merit, are benefited by supervisory assistance.

VII. Supervision is breaking down the isolation of the teacher in rural schools and is utilizing all the strength of all the teachers for the benefit of each one of them.

There were 23 superintendents and 39 supervisors in 1923 for 3,038 white teachers, an average of 50 teachers to a supervisory official. These teachers were scattered throughout the 9,859 square miles in the 23 counties, over one half in the one- and two-teacher schools.

Supervision of teaching in the schools, as carried on in Maryland by the "supervising teachers" and "helping teachers", is teacher-training, or training teachers in service. Competent supervision is the best method known for improving the quality and the results of teaching, both before and after the teacher enters the service. It is a phase of teacher-training fully as important as the work of the normal schools.

In a city school system, where all teachers are normal or training school graduates, supervising principals are provided for approximately every thirty-two teachers, and there are in addition, grade supervisors and supervisors of special subjects. But, in Maryland, where less than half of the teachers have adequate training, and in the rural schools, where only one teacher in four has the equivalent of a normal school training, the average number of teachers to one supervisor is more than fifty.

The normal schools at best do not turn out a finished product; the normal school graduate needs teaching experience under competent guidance, and this help, this stimulus to continuous professional growth, comes through supervision. But to the teacher of little professsional opportunity, supervision is the only source of training, except that obtained by the slow process of experience through the "trial and error" method, and occasional summer school attendance.

TABLE 27.

NUMBER OF SUPERINTENDENTS AND SUPERVISING OR HELPING TEACHERS REQUIRED IN MARYLAND COUNTIES FOR VARYING NUMBERS OF TEACHERS, YEAR ENDING JULY, 31, 1923.

Number of Teachers	Number Required	Number of Counties	Names of Counties
COUNTY SUPERINTENDENT			
Less than 150.....	1	8	Calvert, Caroline, Charles, Howard, Kent, Queen Anne's, St. Mary's, Talbot.
150 to 199.....	1	7	Cecil, Dorchester, Harford, Montgomery, Somerset, Wicomico, Worcester.
200 or more.....	1	8	Allegany, Anne Arundel, Baltimore, Carroll, Frederick, Garrett, Prince George's, Washington.
SUPERVISING OR HELPING TEACHER			
Less than 80 *.....	1	7	Calvert, Charles, Howard, Kent, Queen Anne's, St. Mary's, Talbot.
80 to 119 *,.....	2	7	Caroline, Cecil (1), Dorchester (1), Harford (1), Somerset (1), Wicomico, Worcester (1).
120 to 185 *.....	3	4	Anne Arundel (2), Carroll (2), Montgomery (1), Prince George's (1).
186 to 235 *.....	4	1	Garrett (2).
236 to 285 *.....	5	2	Frederick (4), Washington (2).
286 to 335 *.....	6	2	Allegany (3), Baltimore.

* White elementary teachers.

()The number of supervising or helping teachers actually employed for the year ending in June, 1923, is shown in parentheses for counties which had fewer than the minimum number required by law. For the school year 1923-24 Dorchester, Harford and Carroll have their full quota, and Prince George's, Garrett and Allegany have one more supervising or helping teacher than is shown above. Caroline had one less than is shown above.

TABLE 28.

MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS AND MINIMUM SALARY SCALE FOR MARYLAND COUNTY SUPERINTENDENTS AND SUPERVISORS

POSITION	EDUCATION REQUIRED		Years of Teaching Experience Required	MINIMUM SALARY REQUIRED BASED ON YEARS OF EXPERIENCE		
	School or Course	Length of Course in Years		1-4	5-7	8+
County Superintendent having	High	4	2	$2,500-$2,940		
less than 150 teachers	College	4				
150 to 199 teachers	Graduate work in education	1		2,940	$3,240	$3,540
200 or more teachers					3,840	4,140
Assistant County Superintendent or Supervising Teacher	High	4	4	2,040	2,340	2,640
	Normal	2				
	College	2				
	Including academic work in elementary school subjects	(1)				
	Advanced work in elementary school methods or	(1)				
	High	4				
	College	4				
	Elementary school methods	1				
Helping Teacher	Same as supervising teacher, except that one year less education is required.		4			
Supervisor of Special Branches: Music, Drawing, Physical Training, Manual Training, Agriculture, Domestic Science	High	4	4	1,440	1,740	2,040
	College	4				
	Including academic work	(2)				
	special branches	(2)				
	Including Theory of education, art of teaching special branches	300 recitation hours				

TRAINING OF THE TEACHING STAFF

The Preparation of White Elementary Teachers In the County Schools

The steadily increasing percentage of teachers holding regular first grade certificates, the gain between 1922 and 1924, for instance, being 13.5 per cent, marks an encouraging improvement in the quality of the teaching force. Whereas there were 1228 white elementary teachers in 1922 holding regular first grade certificates, in 1924 there are 405 more, or 1633, who have had normal school training or its equivalent. The graded schools have 225 additional first grade teachers as against 180 additional in the rural schools. The graded schools, therefore, have altogether 1050 regularly certificated first grade teachers, while the rural schools have only 583. (See Tables 29 and 30.)

On the other hand, the 480 provisionally certificated second and third grade teachers in the schools in 1922, who, for the most part, had had no special training for teaching, have lost 259 of their number, leaving only 221, or fewer than half the total number of such teachers in the white elementary schools in 1922. The proportion of the total staff made up of this group of poorly trained people is lower by 8.5 per cent in 1924 than in 1922. It is obviously this group which has been largely replaced by the new first grade teachers.

In 1924 there are 48 fewer teachers than in 1922 working on regular third grade certificates, the academic requirement for which is less than high school graduation, and 113 fewer teachers are holding regular second grade certificates, for which high school graduation is necessary. All the regularly certificated teachers have had at least six weeks' professional preparation for teaching. The proportion of the total staff made up of these groups is 1.5 and 3.5 per cent less, respectively, in 1924 than in 1922.

The Certificate Score

The 1924 certificate score for the counties (Chart X) shows for the average county an improvement of 7.1 points over 1923. A county would receive a score of 100 if every teacher and principal had completed a normal school course or its equivalent, and every principal had a half year of additional professional preparation. The score is based on certificates weighted as follows:

Elementary principal and first grade regular	4
Elementary principal and first grade provisional	2
Second grade regular	2
Second grade provisional	1
Third grade regular	1
Third grade provisional	0

TABLE 29.

CERTIFICATES HELD BY WHITE ELEMENTARY TEACHERS, 1922—1924.

Year	Total No. of Teachers	Number of White Elementary Teachers Holding Certificates of: El. Principal and First Grade Reg	El. Principal and First Grade Prov.	Second Grade Reg.	Second Grade Prov.	Third Grade Reg.	Third Grade Prov.
ALL WHITE ELEMENTARY SCHOOLS.							
1922	3040	1228	31	933	189	368	291
1923	3038	1351	52	894	175	365	201
1924	3026	1633	32	820	97	320	124
Increase or Decrease over 1922	—14	+405	+1	—113	—92	—48	—167
GRADED SCHOOLS.							
1922	1400	825	23	427	31	67	27
1923	1435	916	33	360	42	66	18
1924	1451	1050	18	305	24	47	7
Increase or Decrease over 1922	+51	+225	—5	—122	—7	—20	—20
ONE-TEACHER AND TWO-TEACHER SCHOOLS							
1922	1640	403	8	506	158	301	264
1923	1603	435	19	534	133	299	183
1924	1575	583	14	515	73	273	184
Increase or Decrease over 1922	—65	+180	+6	+9	—85	—28	—80
ONE-TEACHER SCHOOLS.							
1923	1088	215	8	375	102	231	157
1924	1056	304	7	372	60	212	101
Increase or Decrease over 1923	—32	+89	—1	—3	—42	—19	—56
TWO-TEACHER SCHOOLS.							
1923	515	220	11	159	31	68	26
1924	519	279	7	143	13	61	16
Increase or Decrease over 1923	+4	+59	—4	—16	—18	—7	—10

TABLE 30.

PER CENT OF WHITE ELEMENTARY TEACHERS HOLDING CERTIFICATES OF VARIOUS GRADES, 1922—1924.

Year	Total No. of Teachers	Per Cent. of White Elementary Teachers Holding Certificates of: El. Principal and First Grade		Second Grade		Third Grade	
		Reg	Prov.	Reg.	Prov.	Reg.	Prov.
ALL WHITE ELEMENTARY SCHOOLS.							
1922	3040	40.4	1.0	30.7	6.2	12.1	9.6
1923	3038	44.5	1.7	29.4	5.8	12.0	6.6
1924	3026	53.9	1.1	27.2	3.2	10.6	4.1
Increase or Decrease over 1922	—14	+13.5	+.1	—3.5	—3.0	—1.5	—5.5
GRADED SCHOOLS.							
1922	1400	58.9	1.7	30.5	2.2	4.8	1.9
1923	1435	63.8	2.3	25.1	2.9	4.6	1.3
1924	1451	72.4	1.2	21.0	1.7	3.2	.5
Increase or Decrease over 1922	+51	+13.5	—.5	—9.5	—.5	—1.6	—1.4
ONE-TEACHER AND TWO-TEACHER SCHOOLS							
1922	1640	24.6	.4	30.9	9.6	18.4	16.1
1923	1603	27.1	1.2	33.3	8.3	18.7	11.4
1924	1575	37.0	.9	32.7	4.6	17.4	7.4
Increase or Decrease over 1922	—65	+12.4	+.5	+1.8	—5.0	—1.0	—8.7
ONE-TEACHER SCHOOLS.							
1923	1088	19.8	.7	34.5	9.4	21.2	14.4
1924	1056	28.8	.6	35.2	5.7	20.1	9.6
Increase or Decrease over 1923	—32	+9.0	—.1	+.7	—3.7	—1.1	—4.8
TWO-TEACHER SCHOOLS.							
1923	515	42.7	2.1	30.9	6.0	13.2	5.1
1924	519	53.7	1.4	27.5	2.5	11.8	3.1
Increase or Decrease over 1922	+4	+11.0	—.7	—3.4	—3.5	—1.4	—2.0

Every county has a higher score than in 1923, and 13 of them—Worcester*, Prince George's*, Wicomico*, Queen Anne's*, Garrett*, Kent*, Dorchester*, Caroline*, Carroll, Harford, Howard, Calvert*, and Cecil*—made gains larger than the average increase. The improvement ranges among counties receiving the Equalization Fund from 4 points, in St. Mary's, to 18.9 points in Worcester. Sixteen of the counties still have scores of less than 75.

CHART X

Certification Score of White Elementary School Teachers 1924

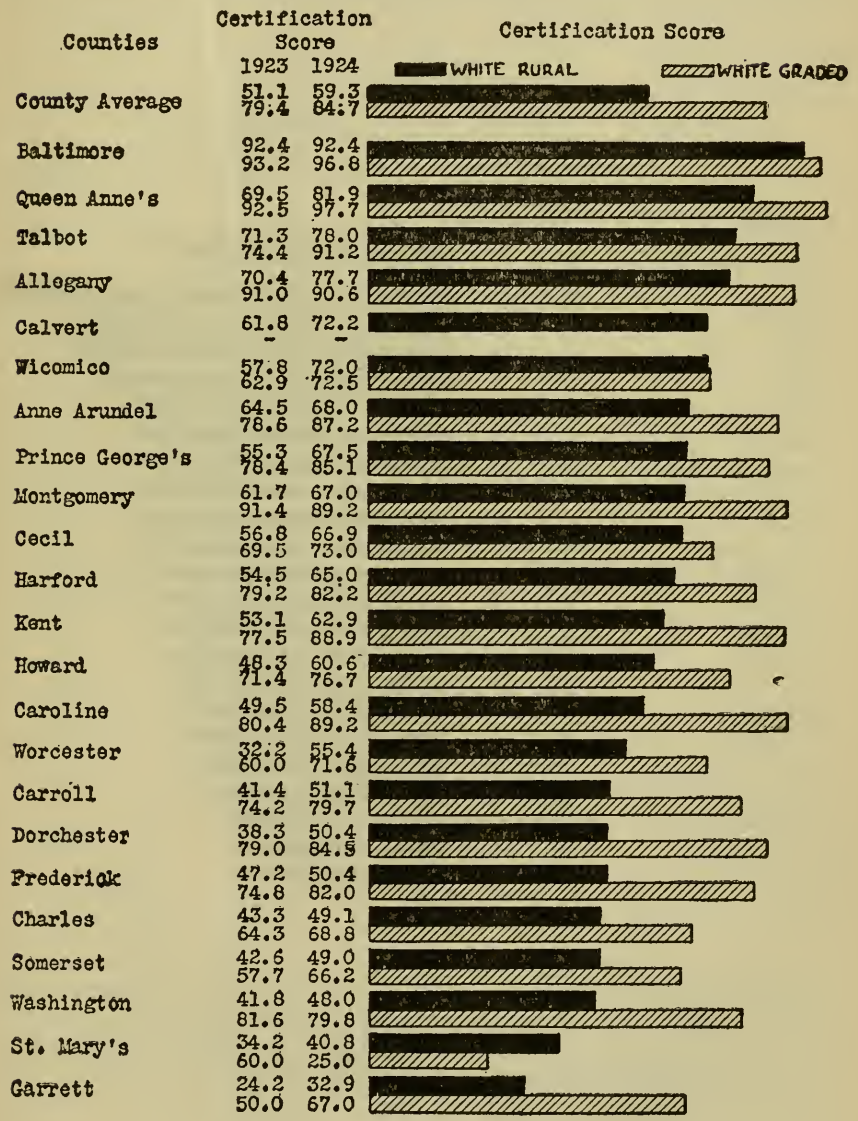
Counties	Certification Score 1923	Certification Score 1924
County Average	64.4	71.5
Baltimore	92.9	95.2
Allegany	85.6	87.1
Queen Anne's	76.0	86.8
Talbot	79.1	85.6
Anne Arundel	72.7	79.7
Montgomery	77.0	79.1
Prince George's	68.9	77.9
Kent	64.9	74.6
Caroline	63.4	72.8
Wicomico	60.5	72.3
Calvert	64.6	72.2
Harford	63.2	71.9
Cecil	61.7	69.3
Washington	59.9	66.7
Frederick	59.7	64.8
Howard	55.8	64.5
Dorchester	54.4	64.1
Worcester	44.7	63.6
Carroll	52.6	61.8
Somerset	49.4	56.5
Charles	45.5	51.5
St. Mary's	36.3	40.3
Garrett	28.5	38.6

The certification scores in the white rural and in the white graded schools, respectively, are shown in Chart Y. In every county except St. Mary's, where there is only one graded school, the score in the latter type of school is from .5 to 34.1 points higher than in the rural schools, the average county showing an advantage of 25.4 points in

*Indicates that the county shares in the Equalization Fund.

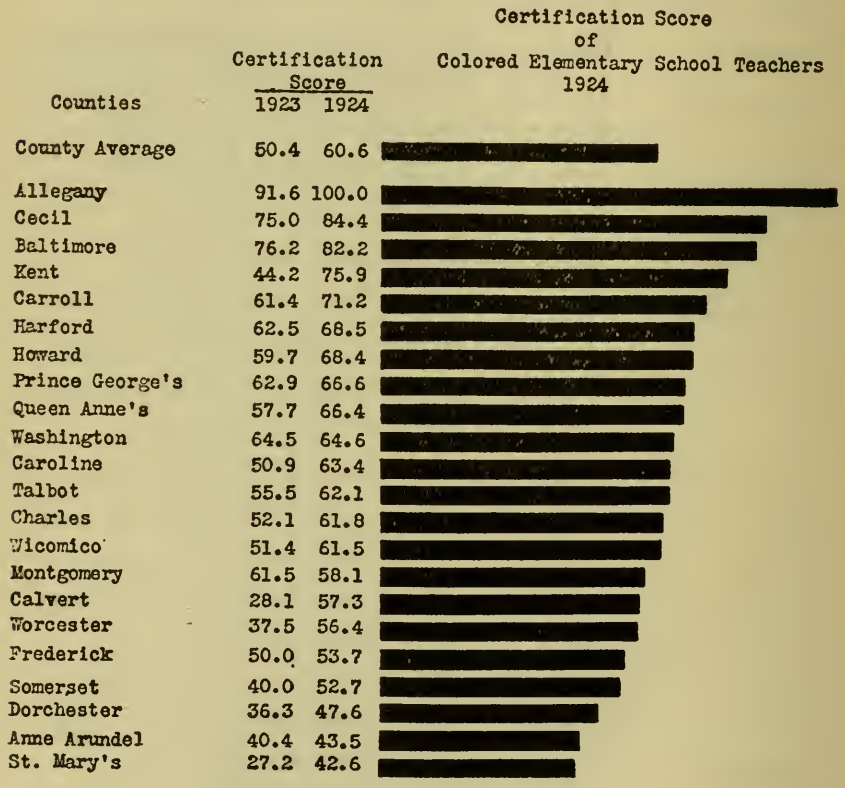
CHART Y

CERTIFICATION SCORE OF WHITE ELEMENTARY SCHOOL TEACHERS IN MARYLAND COUNTY RURAL AND GRADED SCHOOLS, 1923 AND 1924



the graded schools. The certification score in the rural schools of the average county, however, improved 2.9 more points over the previous year than did that for the graded schools in the average county. This is chiefly due to the Equalization Fund, which enabled the more largely rural counties to obtain a greater number of trained teachers, and to the $100 bonus paid to normal school graduates for teaching in the rural rather than in the graded schools.

CHART Z



In 1924 the certification score of the colored schools in the average county is 60.6, or 10.2 points more than in 1923. The figures range from 42.6 in St. Mary's to 100 in Allegany, where there are few colored schools. The difference in the average county between the certification score for the white and for the colored teachers has, from 1923 to 1924, decreased 3.2 points. (See Chart Z.)

TABLE 31.

CERTIFICATION SCORE OF MARYLAND COUNTY ELEMENTARY TEACHERS IN SERVICE OCTOBER, 1923.

COUNTY	All White Elementary Schools	COUNTY	White Rural Schools	COUNTY	White Graded Schools	COUNTY	All Colored Elementary Schools
	White Elementary Schools.					Colored Elementary Schools.	
County Average	71.5	County Average	59.3	County Average	84.7	County Average	60.6
Baltimore	95.2	Baltimore	92.4	*Queen Anne's	97.7	Allegany	100.0
Allegany	87.1	*Queen Anne's	81.9	Baltimore	96.8	*Cecil	84.4
*Queen Anne's	86.8	Talbot	78.0	Talbot	91.2	Baltimore	82.2
Talbot	85.6	Allegany	77.7	Allegany	90.6	*Kent	75.9
*Anne Arundel	79.7	*Calvert	72.2	*Caroline	89.2	Carroll	71.2
Montgomery	79.1	*Wicomico	72.0	Montgomery	89.2	Harford	68.5
*Prince George's.....	77.9	*Anne Arundel.....	68.0	*Kent	88.9	Howard	68.4
*Kent	74.6	*Prince George's.....	67.5	*Anne Arundel.....	87.2	*Prince George's.....	66.6
*Caroline	72.8	Montgomery	67.0	*Prince George's.....	85.1	*Queen Anne's.....	66.4
*Wicomico	72.3	*Cecil	66.9	*Dorchester	84.5	Washington	64.6
*Calvert	72.2	Harford	65.0	Harford	82.2	*Caroline	63.4
Harford	71.9	*Kent	62.9	*Frederick	82.0	Talbot	62.1
*Cecil	69.3	Howard	60.6	Washington	79.8	*Charles	61.8
Washington	66.7	*Caroline	58.4	Carroll	79.7	*Wicomico	61.5
*Frederick	64.8	*Worcester	55.4	Howard	76.7	Montgomery	58.1
Howard	64.5	Carroll	51.1	*Cecil	73.0	*Calvert	57.3
*Dorchester	64.1	*Dorchester	50.4	*Wicomico	72.5	*Worcester	56.4
*Worcester	63.6	*Frederick	50.4	*Worcester	71.6	*Frederick	53.7
Carroll	61.8	*Charles	49.1	*Charles	68.8	*Somerset	52.7
*Somerset	56.5	*Somerset	49.0	*Garrett	67.0	*Dorchester	47.6
*Charles	51.5	Washington	48.0	*Somerset	66.2	*Anne Arundel.....	43.5
*St. Mary's.....	40.3	*St. Mary's.....	40.8	*St. Mary's.....	25.0	*St. Mary's.....	42.6
*Garrett	38.6	*Garrett	32.9				

*Counties sharing in the Equalization Fund.

The certification scores by counties for the various kinds of elementary schools, white and colored, in October, 1923, are given in Table 31. Scores for October, 1923, with the one- and the two-teacher schools separated as well as combined, will be found in Table 32, and the rank of the counties for the years 1923 and 1924 in the certification scores for the different types of schools is indicated in Table 33. The last two tables have an alphabetical arrangement.

TABLE 32.

CERTIFICATION SCORE OF MARYLAND COUNTY WHITE AND COLORED TEACHERS, OCTOBER, 1923.

COUNTY	All White Ele. Schools	White One Teacher Schools	White Two Teacher Schools	White One and Two Teacher Schools	White Graded Schools	All Colored Ele. Schools
County Average	71.5	53.2	71.8	59.3	84.7	60.6
Allegany	87.1	76.5	79.4	77.7	90.6	100.0
Anne Arundel.....	79.7	67.5	68.8	68.0	87.2	43.5
Baltimore	95.2	92.1	92.6	92.4	96.8	82.2
Calvert	72.2	66.7	100.0	72.2	....	57.3
Caroline	72.8	53.6	67.9	58.4	89.2	63.4
Carroll	61.8	46.7	67.7	51.1	79.7	71.2
Cecil	69.3	62.2	79.4	66.9	73.0	84.4
Charles	51.5	45.6	57.0	49.1	68.8	61.8
Dorchester	64.1	49.5	52.8	50.4	84.5	47.6
Frederick	64.8	45.7	62.5	50.4	82.0	53.7
Garrett	38.6	29.5	46.1	32.9	67.0	....
Harford	71.9	62.7	70.4	65.0	82.2	68.5
Howard	64.5	51.6	78.1	60.6	76.7	68.4
Kent	74.6	57.6	75.0	62.9	88.9	75.9
Montgomery	79.1	71.5	58.8	67.0	89.2	58.1
Prince George's.....	77.9	57.8	75.6	67.5	85.1	66.6
Queen Anne's.....	86.8	75.7	100.0	81.9	97.7	66.4
St. Mary's.....	40.3	30.1	70.3	40.8	25.0	42.6
Somerset	56.5	40.0	63.9	49.0	66.2	52.7
Talbot	85.6	69.2	87.5	78.0	91.2	62.1
Washington	66.7	44.7	54.6	48.0	79.8	64.6
Wicomico	72.3	66.0	91.7	72.0	72.5	61.5
Worcester	63.6	53.0	65.6	55.4	71.6	56.4

In tables on pages 220-224 in the Appendix the number and per cent of teachers holding the various grades of certificates is given for October, 1923.

TABLE 33.

RANK OF COUNTIES OF MARYLAND IN CERTIFICATION SCORE OF ELEMENTARY TEACHERS IN SERVICE.

County	White 1-Teacher		White 2-Teacher		White Rural		White Graded		White Elementary		Colored Elementary	
	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924
Allegany	2	2	5	6	3	4	4	4	2	2	1	1
Anne Arundel	6	6	8	13	5	7	9	8	6	5	17	21
Baltimore	1	1	2	3	1	1	1	2	1	1	2	3
Calvert	7	7	1	1	6	5	--	--	9	11	21	16
Caroline	12	13	16	14	13	14	6	5	10	9	14	11
Carroll	17	17	20	15	19	16	13	14	18	19	8	5
Cecil	8	10	10	7	9	10	16	16	12	13	3	2
Charles	16	19	21	20	16	19	17	19	20	21	12	13
Dorchester	19	16	19	22	20	17	8	10	17	17	20	20
Frederick	14	18	18	18	15	18	12	12	15	15	15	18
Garrett	23	23	22	23	23	23	22	20	23	23	--	--
Harford	10	9	9	11	11	11	7	11	11	12	6	6
Howard	15	15	13	8	14	13	15	15	16	16	9	7
Kent	13	12	6	10	12	12	11	7	8	8	16	4
Montgomery	3	4	14	19	7	9	3	6	4	6	7	15
Prince George's	11	11	11	9	10	8	10	9	7	7	5	8
Queen Anne's	5	3	3	2	4	2	2	1	5	3	10	9
St. Mary's	21	22	15	12	21	22	20	22	22	22	22	22
Somerset	20	21	12	17	17	20	21	21	19	20	18	19
Talbot	4	5	4	5	2	3	5	4	3	4	11	12
Washington	18	20	17	21	18	21	14	13	13	14	4	10
Wicomico	9	8	7	4	8	6	18	17	14	10	13	14
Worcester	22	14	23	16	22	15	19	18	21	18	19	17

Teachers' Examinations

The continually larger supply of first grade teachers—543 were certificated in 1923 as against 370 in 1922—has made it possible to raise the standards in connection with the teachers' examinations. This is apparent from the following table showing the decrease in the number and percentage of successful applicants for certificates by examination.

The only exception is in the case of applicants for first grade certificates. This may be explained by the fact that some of the extension courses offered were a rather direct preparation for these particular examinations and by the further fact that a number of applicants had already taken the normal school equivalent tests several times and were therefore better able than before to pass them.

TABLE 34.

RESULTS OF TEACHERS' EXAMINATIONS IN MARYLAND COUNTIES, 1922 AND 1923.

	WHITE			COLORED		
	1922	1923	Increase or Decrease	1922	1923	Increase or Decrease
Applicants for third grade certificates	231	125	—106	62	44	—18
Number who qualified for third grade	79	31	— 48	15	7	— 8
Per cent. who qualified	34.2	24.8	— 9.4	24.2	15.9	— 8.3
Applicants for second grade certificates	359	384	+ 25	8	42	+34
Number who qualified for second grade	127	99	— 28	2	4	+ 2
Per cent. who qualified	35.4	25.8	— 9.6	25	9.5	—15.5
Number who qualified for third grade	93	48	— 45	4	3	— 1
Per cent. who qualified	25.9	12.5	— 13.4	50	7.1	—42.9
Total number of applicants for second grade certificates who qualified for second or third grade	220	147	— 73	6	7	+ 1
Per cent. who qualified	61.3	38.3	— 23	75	16.6	—58.4
Total number of applicants for second and third grade certificates	590	509	— 81	70	86	+16
Number who qualified	299	178	—121	21	21	0
Per cent. who qualified	50.6	35.0	— 15.6	30	24.4	— 5.6
Holders of second grade certificates applying for first grade	306	201	—105	84	77	— 7
Number who qualified	60	75	+ 15	17	15	— 2
Per cent. who qualified	19.6	37.3	+ 17.7	20.2	19.5	— .7

The very great decrease in the number of applicants for third grade certificates, nearly 50 per cent, is significant, because it reflects the improved persistence to graduation among high school students and the more widespread high school opportunities throughout the State, and also because it points to the less urgent need among the county schools for teachers who have not had at least a high school education.

The larger supply of well-trained teachers which is becoming available each year makes the time seem ripe for changing the certification basis entirely to one of school credits instead of the present combination of school credits and examinations. A committee of the superintendents which has been working on the problem made a step in this direction when it recommended the elimination of the August examinations, beginning with 1924, and suggested increasing the number of school credits to be required for admission to the first grade examinations. Both these recommendations were adopted by the State Board of Education.

A later report from this committee goes considerably further toward basing certificates entirely on school credits. The scheme was unanimously endorsed by the superintendents, but, since it is not yet complete, it is not described at this time. At the next meeting of the superintendents the plan will doubtless be perfected and put into shape for presentation to the State Board of Education.

Certification of High School Teachers

During the year 1922-23 the certification of the county high school teachers was for the second time completely checked. Those whose certificates had expired or who had not obtained certificates for the year were reminded of these facts and requested to take the necessary steps for regularizing their positions. Those teachers who, for various reasons, needed to present evidence of additional preparation for the 1923 renewal of their certificates were likewise notified. Copies of the letters to the two groups, together with the lists of the teachers affected, were sent to each county superintendent, with the request that he check the lists for mistakes or omissions.

The lists proved to be substantially correct, but a number of the teachers did not respond or make any effort to straighten out their certificate standing. In the case of teachers who could be employed only on provisional certificates, it was, of course, necessary for the superintendent to take the initiative in requesting authority to issue these. There being a number of unsettled cases on March 31, a second letter was sent out on that date, with the usual information to the superintendents. The letter to the superintendents contained the following paragraph:

> "Will you kindly take up with all these teachers the matter of their certification, impressing upon them that their lack of certificates not only makes their own standing uncertain, but, if allowed to continue, will affect the rating of the high schools themselves? The qualifications and certificates of the teachers will be carefully considered next year in the approval of secondary schools."

The office work in connection with certificates became too heavy early in the spring to check up the results of the second notice. The conditions existing on February 13 and on March 31, however, as indicated in the following table, show that the legal requirement of a certificate for every teacher is so far only an ideal and, furthermore, one to which a number of the counties do not even approximate. There was no opportunity to check up in the same way the certification of the elementary teachers, but if, as is probable, the situation was similar, more than a fourth of the teachers in the State did not hold valid certificates last year:

TABLE 35.

CERTIFICATION OF WHITE HIGH SCHOOL TEACHERS, 1922-23.

COUNTY	Total Number High School Teachers.	Not Certificated February 13		Not Certificated March 31	
		Number	Per Cent.	Number	Per Cent.
Allegany	72	47	65.3	28	38.9
Anne Arundel	20	10	50.0	6	30.0
Baltimore	58	6	10.3	1	1.7
Calvert	5	0	0.0	0	0.0
Caroline	27	9	33.3	4	14.8
Carroll	46	4	8.7	1	2.2
Cecil	30	9	30.0	5	16.7
Charles	4	2	50.0	1	25.0
Dorchester	25	7	28.0	3	12.0
Frederick	60	12	20.0	8	13.3
Garrett	21	1	4.8	0	0.0
Harford	32	5	15.6	2	6.2
Howard	14	9	64.3	5	35.7
Kent	22	7	31.8	0	0.0
Montgomery	26	7	26.9	2	7.7
Prince George's	39	4	10.2	0	0.0
Queen Anne's	24	15	62.5	10	41.6
St. Mary's	1	0	0.0	0	0.0
Somerset	20	5	25.0	4	20.0
Talbot	22	5	22.7	1	4.5
Washington	40	16	40.0	8	20.0
Wicomico	40	2	5.0	1	2.5
Worcester	39	6	15.4	3	7.7
Total	687	188	27.3	93	13.5

Some of the counties had practically a clean sheet when the first notices were sent out, on February 13, and three of the counties had every high school teacher properly certificated by March 31. In the State as a whole, however, more than 27 per cent of the high school teachers were uncertificated by the middle of the school year and 13.4 per cent had failed to secure certificates by the last of March, more than six weeks after they had been requested by the State Superintendent to clear up their status.

This carelessness is probably due to a feeling on the part of the superintendents and teachers that the standing of the teachers can be determined by the county officials, in accordance with the published certificate regulations. The actual obtaining of a certificate is therefore looked upon as a mere matter of form. This is not a safe attitude, however. The superintendents do not have on file complete official records of the school credits of the teachers, nor can the superintendents be sure that they are applying the rules as they are being applied by the State Department. Every teacher in the counties should hold a valid certificate, even if it is only a provisional one.

It is only in this way that there can be any assurance that all the teachers are being treated alike in that they are required to meet the various certificate and renewal requirements and are paid in accordance with their preparation. The present situation results in penalizing some of the more conscientious teachers who have not yet met the full requirement for a regular certificate and, frequently, in placing a premium on a teacher's ignoring her certificate standing.

Provisionally Certificated High School Teachers

The practice in some of the counties of employing year after year the same teachers on provisional certificates is one which should be discontinued as far as practicable. A number of these teachers are too far short of the requirement to qualify within a reasonable time unless they spend a year, or several years, in study. Some of them have not even attended summer school at frequent intervals and are apparently counting upon being retained indefinitely with far less than the minimum preparation regarded by the law as adequate for the positions they hold.

While some of the provisionally certificated teachers doubtless have a natural aptitude for teaching, there is no reason to assume that applicants who have met the legal scholastic requirements do not likewise qualify from the standpoint of ability and personality. With the increased salaries now being paid the high school teachers, it should be possible to fill the secondary schools with instructors who meet the requirements, or almost meet them.

Of the 687 high school teachers in the State in 1922-23, 188 worked on provisional certificates, and probably as many as 50 more, who had no certificates at all, should have been issued provisional ones. This means that almost 35 per cent of the secondary school teachers did not qualify. Such a situation must inevitably be reflected in the work of the high schools and should be remedied.

A careful check of the 754 white high school teachers in October, 1923, reveals that 223, or 29.6 per cent, hold provisional certificates. A large proportion of these are teachers of special subjects, who constitute one-fourth of the total staff. The proportion of provisionally certificated teachers varies from 0 in St. Mary's county to over three-fifths in Frederick. (See Table 36.)

TABLE 36.

PER CENT. OF PROVISIONALLY CERTIFICATED HIGH SCHOOL TEACHERS, 1923 AND 1924.

County	Total No. of Principals and Teachers Oct. 1923	Per Cent. Holding Provisional Certificates	
		Jan. 1923	Oct. 1923
County Average	754	27.1	29.6
St. Mary's	1	0.0	0.0
Baltimore	63	12.2	12.7
Calvert	7	20.0	14.3
Dorchester	28	36.0	14.3
Kent	22	31.8	18.2
Carroll	57	24.5	19.4
Wicomico	41	22.5	19.5
Talbot	26	29.1	23.1
Howard	17	21.4	23.5
Charles	4	33.3	25.0
Harford	34	24.3	26.5
Somerset	25	20.0	30.0
Cecil	33	12.9	30.3
Anne Arundel	25	38.1	32.0
Caroline	28	29.6	32.1
Prince George's	40	32.5	32.5
Worcester	39	30.0	33.3
Montgomery	33	22.2	36.4
Washington	47	30.0	40.4
Garrett	22	38.1	40.9
Allegany	77	28.2	44.2
Queen Anne's	24	45.8	58.3
Frederick	61	28.4	62.5

Number of Certificates Issued

The number of certificates issued in 1921-22 and 1922-23, if interpreted in the light of certain special conditions, is a fairly accurate indication of certificate progress in the State. The tabulation follows:

TABLE 37.

Grade of Certificate	Number of Certificates Issued December 1 to November 30. 1921-22	1922-23	Increase or Decrease
Administration and Supervision—			
Administration and Supervision	4	0	— 4
Elementary Supervision	9	5	— 4
Helping Teacher	10	4	— 6
High School—			
Principal	7	12	+ 5
Academic	151	213	+ 62
Special	30	37	+ 7
Vocational	24	6	— 18
Junior	6	6	0
Elementary School—			
Principal	43	18	— 25
First Grade	370	543	+173
Second Grade	325	288	— 37
Third Grade	214	120	— 94

The figures in connection with the administrative and supervisory certificates are not significant, because such certificates are issued only when there are changes in or additions to the administrative forces in the counties, and because certificates have not yet been issued to some of the supervisors and helping teachers who have just entered the service.

Eight of the twelve high school principals' certificates issued in 1922-23 were granted to Maryland principals who had already had charge of first group high schools and had just completed their preparation for the principals' certificates.

There was an increase of sixty-two, or more than 41 per cent, in the number of high school academic certificates, and an increase of seven, or 23 1/3 per cent, in the number of special high school teachers' certificates. The academic certificates are issued not only to applicants who are expecting to teach immediately in the county high schools, but to any graduates of Maryland colleges who have had the required work in Education. Every year some of these graduates do not use their certificates in Maryland. They enter into the figures for both years, however, and the large increase in the number of high school certificates issued in 1923 should mean a decided improvement in the high school teaching staff of the State in 1923-24.

The decrease in the number of vocational certificates is due to the fact that there were few changes in the vocational teaching staff.

The decrease in the number of elementary school principals' certificates is probably due to the same cause and to the fact that an unusual number of elementary school principals who had already been in service previous to 1921-22 applied during that year for certificates.

The large number of normal school graduates in 1923 and the unprecedented influx of first grade colored teachers from outside the State (a result of the efforts of the State Supervisor of Colored Schools) raised the number of first grade certificates issued by 46.7 per cent.

The number of second and third grade certificates was considerably lower during the second year considered. This, as indicated before, was because the need for teachers who were not normal school graduates was not so great, and it was therefore possible to raise the examination standards. Also some of the high school graduates who might have applied for second grade certificates were fortunately induced to enter the normal schools.

Suggestions for Improvement

While the certification of Maryland teachers, a direct index of their qualifications, is obviously improving, there are three lines along which there is definite need for progress.

1. The teachers with the lower grades of certificates should be encouraged in every possible way to raise the grades of their certificates. One of the best ways for a second-grade teacher to do this is to take the senior year at one of the normal schools as soon as she can present credit for the equivalent of a year, or three-quarters of a year, beyond the requirement for a second grade certificate. Some of the counties may be able to help finance such teachers who could otherwise not afford the year's leave of absence, even though the expenses at the normal school are nominal.

2. The number of *regularly* certificated teachers should be increased as rapidly as possible. In some instances this may be done by persuading the provisionally certificated teachers to qualify for regular certificates. Unwillingness to do this shows a lack of professional spirit, which indicates that the provisionally certificated teacher concerned might well be dropped. An effort to secure qualified teachers early in the spring and summer for the following year should, in most cases, be successful. The State Department of Education is glad to co-operate with the superintendents in obtaining qualified teachers for vacancies and for new positions.

3. There should be an immediate and marked improvement in the proportion of teachers who hold *valid certificates*. Some of the superintendents pay only provisional teachers' salaries pending the settlement of the certificate status of the new teachers. The salary is adjusted when the certificate is issued. If a superintendent objects to following this practice, he might let it be understood that there would be a temporary (or permanent, if the results necessitated it) reduction in salary if, after a certain date, a teacher had failed to have her certificate status determined. Either method would impress upon the teachers their own responsibility for seeing that they are properly certificated and the vital importance of doing so.

The State Department willingly checks over the lists of teachers about whose certificate status any superintendent is doubtful.

TEACHING EXPERIENCE OF MARYLAND COUNTY TEACHERS

Four hundred white elementary teachers and 138 white high school teachers were having their first teaching experience in Maryland counties during the school year ending in July, 1923. Thus nearly one-fifth of the rural teachers and one-twelfth of the teachers in graded elementary schools, one-fifth of the high school teachers, and over one-seventh of the colored teachers were new recruits to the profession.

One half of last year's white rural and high school teachers and over one-fourth of the graded elementary school teachers had less than four years' experience. (See Table 38 and Charts AA and BB.)

CHART AA

YEARS OF TEACHING EXPERIENCE OF 3,038 COUNTY WHITE ELEMENTARY SCHOOL TEACHERS IN RURAL SCHOOLS (1,603) AND IN GRADED SCHOOLS (1,435) IN SERVICE JANUARY, 1923, EXPRESSED IN PERCENTAGES

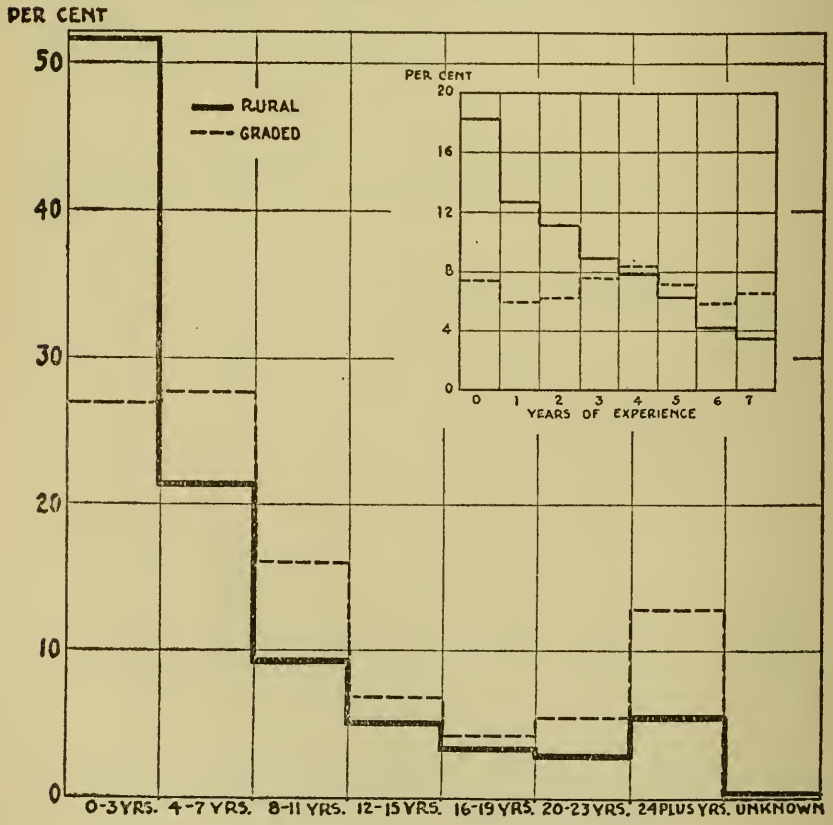
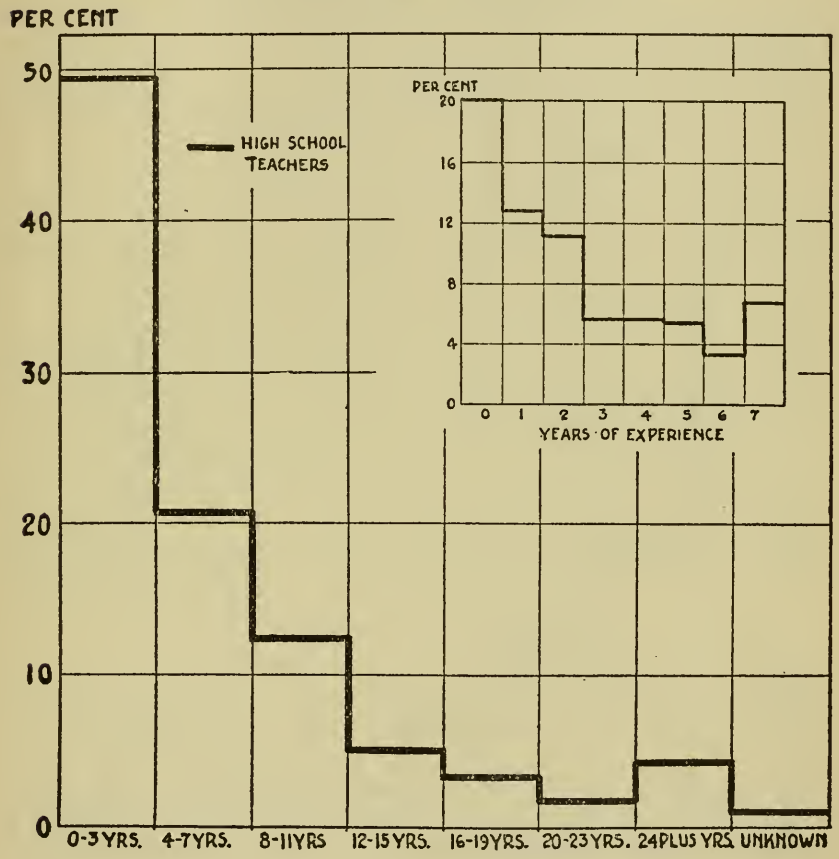


CHART BB

YEARS OF TEACHING EXPERIENCE OF 687 WHITE HIGH SCHOOL TEACHERS IN MARYLAND COUNTIES IN SERVICE JANUARY, 1923, EXPRESSED IN PERCENTAGES

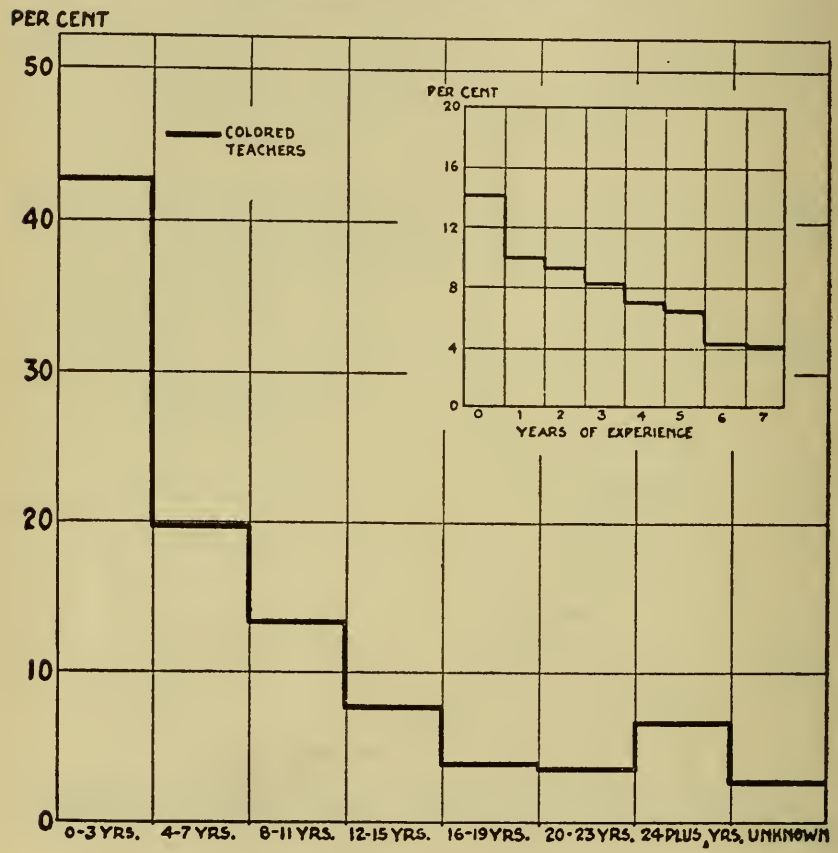


The large chart shows the per cent of teachers with experience of from 0-3 years, 4-7 years, etc. In the upper right hand corner is shown by single years (0, 1, 2, 3, 4, 5, 6, and 7) the per cent of teachers who have had less than eight years' experience.

It will be noted that the curve for the white rural school teachers and high school teachers is practically the same. The numbers pile up in the early years of experience. The graded schools have a pretty constant number of teachers having the various years of experience

CHART CC

YEARS OF TEACHING EXPERIENCE OF 738 MARYLAND COUNTY COLORED TEACHERS IN SERVICE JANUARY, 1923, EXPRESSED IN PERCENTAGES



up to the eighth year. The inexperienced elementary teachers learn how to do the teaching job in the rural schools and then are transferred to the town schools, which are usually larger, well built structures and appear more desirable in making possible wider social contacts. It is to counteract this tendency to leave the rural schools that the minimum State salary schedule of 1922 provides that normal school graduates who are in charge of one- and two-teacher rural schools shall be paid $100 more than they would receive in graded schools.

TABLE 38.

YEARS OF TEACHING EXPERIENCE OF MARYLAND COUNTY TEACHERS IN SERVICE JANUARY, 1923.

YEARS OF EXPERIENCE	Number of Teachers in				Per Cent of Teachers in			
	White Schools			Colored Schools	White Schools			Colored Schools
	Rural	Graded	High		Rural	Graded	High	
0	293	106	138	112	18.3	7.4	20.1	15.2
1	216	83	88	73	13.5	5.8	12.8	9.9
2	178	91	76	69	11.1	6.3	11.1	9.4
3	141	106	38	60	8.8	7.4	5.5	8.2
4	125	119	38	51	7.8	8.3	5.5	6.9
5	99	102	37	33	6.2	7.1	5.4	4.5
6	66	83	23	32	4.1	5.8	3.3	4.2
7	54	93	45	30	3.4	6.5	6.6	4.1
0–3	828	386	340	314	51.7	26.9	49.5	42.7
4–7	344	397	143	146	21.5	27.7	20.8	19.7
8–11	149	228	85	98	9.3	15.9	12.4	13.3
12–15	83	97	34	56	5.2	6.8	5.0	7.6
16–19	52	60	23	29	3.2	4.2	3.3	3.9
20–23	47	81	12	26	2.9	5.6	1.7	3.5
24 or more	93	185	43	49	5.8	12.9	6.3	6.6
Unknown	7	1	7	20	.4	0.0	1.0	2.7
Total	1,603	1,435	687	738	100.0	100.0	100.0	100.0
Median Years of Experience	3.8	7.3	4.1	5.1				
Lower Quartile Point	1.5	3.7	1.4	2.0				
Upper Quartile Point	8.8	14.7	9.5	11.8				

How the Counties Hold Their Teachers.

In the city school systems of the country, with favorable conditions, the median teaching experience is from seven to eight years. In the average Maryland county we find it 7.3 years in the white graded schools, but only 3.8 years in the white rural schools. Only in Anne Arundel and St. Mary's* counties do the rural school teachers have more experience than the graded school teachers. The median experience in rural schools varies from 2 years in Garrett, with the least well-trained staff, to 7 years in Baltimore County, with the best-trained staff. (See Chart DD.)

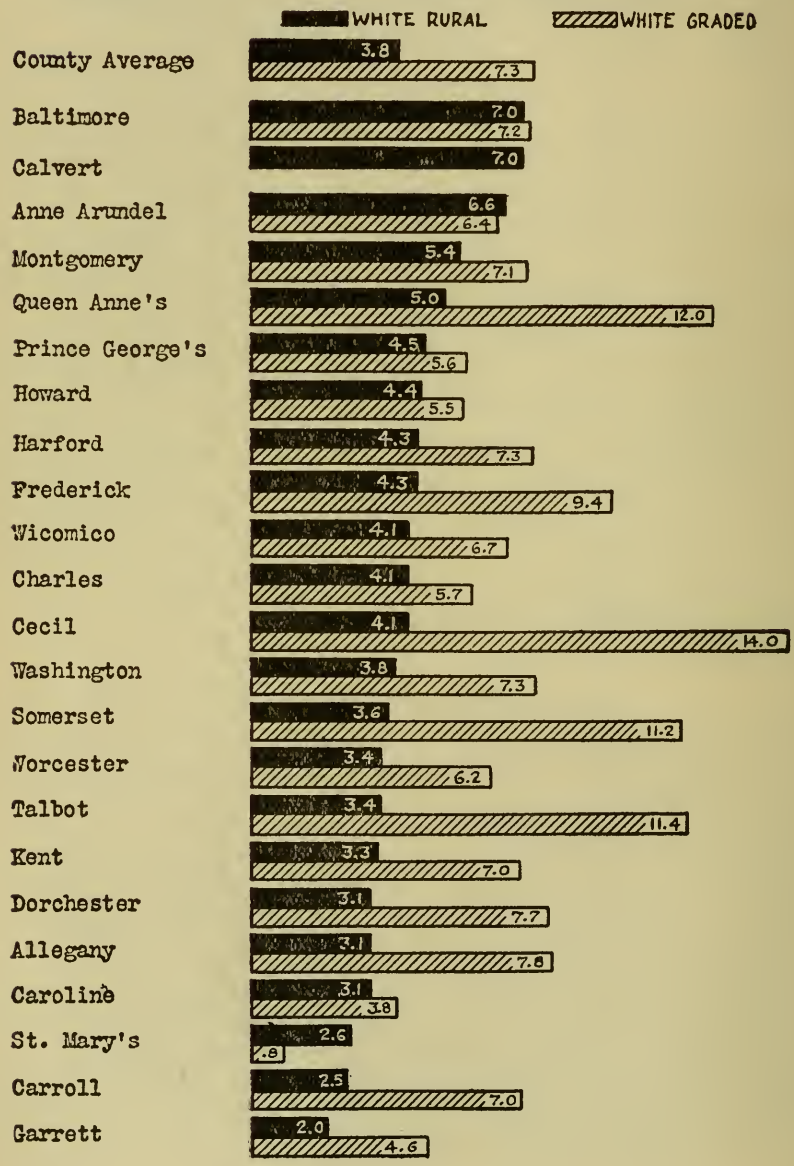
In the graded schools the variation is from .8 years in St. Mary's, which has only one graded school, newly organized, to 14 years in Cecil, which has special salary legislation affecting the situation.

On the whole the counties with the best trained staffs and the highest salary schedules hold their teachers best.

*Only one graded school, recently organized.

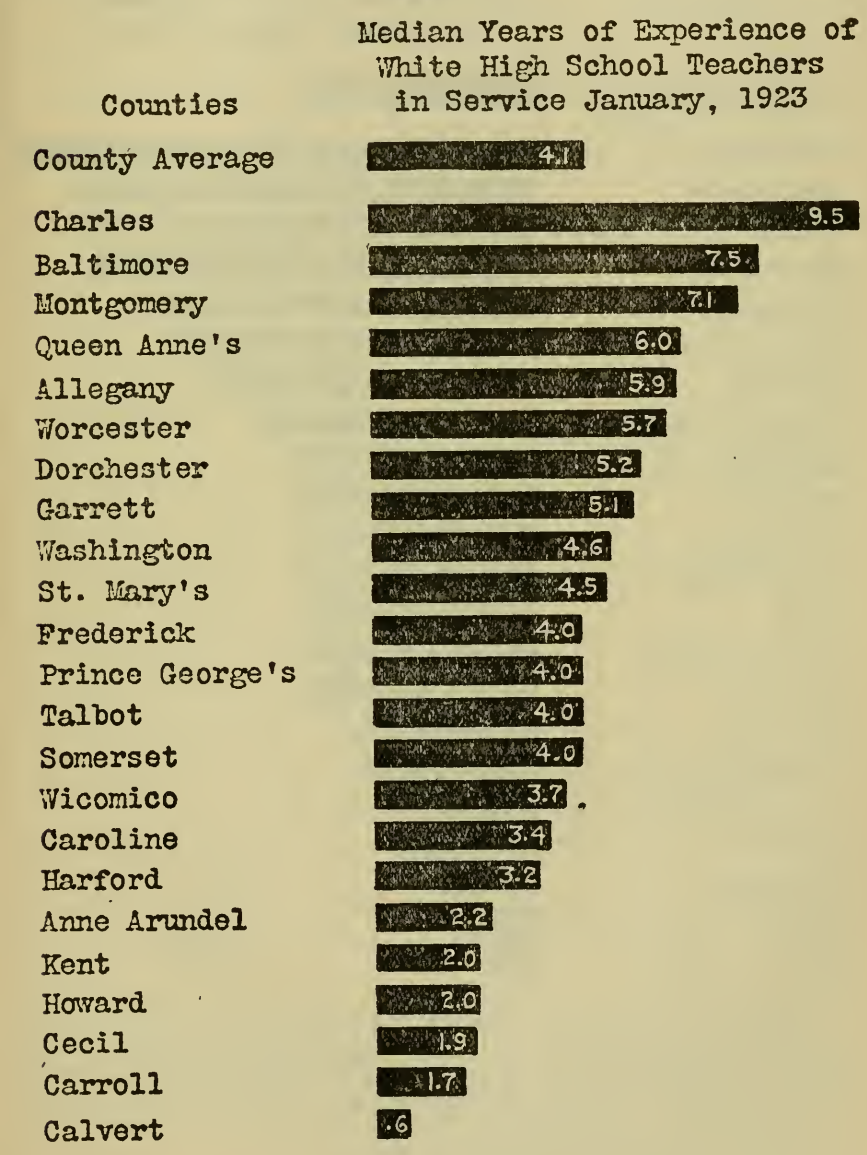
CHART DD

Median Years of Experience of White Elementary School Teachers in Service January, 1923



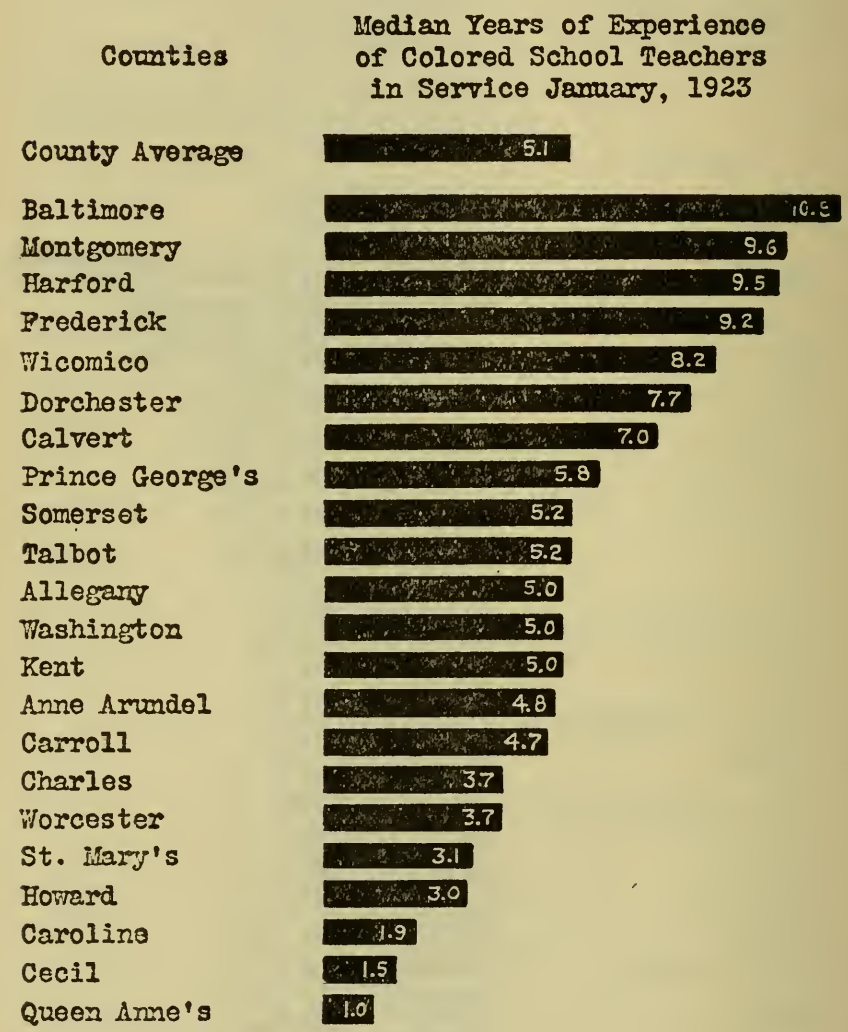
The high schools show conditions very little better than the rural schools—the median experience being 4.1 years and the range in the counties running from .6 years in Calvert to 9.5 years in Charles, which has a federal subsidy for its school at Indian Head. Baltimore and Montgomery, with good salary schedules, rank next to Charles. (See Chart EE.)

CHART EE



Similar facts for colored schools indicate a median experience of five years and a variation from one year in Queen Anne's at the foot of the list, to 10.8 years in Baltimore, at the top. (See Chart FF.)

CHART FF



The per cent of county teachers in the various types of schools who have had less than four years' experience is shown in Table 39, in which the counties with the lowest percentage of inexperienced teachers are ranked first. The rank of each county in median years of experi-

TABLE 39.

PER CENT. OF MARYLAND COUNTY TEACHERS IN SERVICE, JANUARY, 1923, HAVING LESS THAN FOUR YEARS' TEACHING EXPERIENCE.

White Rural Schools		White Graded Schools		White High Schools		Colored Schools	
COUNTY	Per Cent. with Less than 4 Years' Experience	COUNTY	Per Cent. with Less than 4 Years' Experience	COUNTY	Per Cent. with Less than 4 Years' Experience	COUNTY	Per Cent. with Less than 4 Years' Experience.
County Average.....	51.7	County Average.....	26.9	County Average.....	49.5	County Average.....	42.7
Baltimore	27.7	Queen Anne's.....	5.0	St. Mary's.....	0	Montgomery	21.6
Anne Arundel.....	29.1	Talbot	11.8	Baltimore	28.6	Baltimore	22.2
Queen Anne's.....	36.0	Cecil	12.2	Montgomery	33.3	Harford	23.1
Calvert	36.1	Somerset	12.8	Charles	33.3	Frederick	27.0
Montgomery	38.3	Charles	14.3	Allegany	33.8	Allegany	30.0
Howard	44.2	Dorchester	18.6	Queen Anne's.....	37.5	Dorchester	31.5
Prince George's.....	45.1	Allegany	20.3	Washington	40.0	Wicomico	34.1
Harford	46.7	Montgomery	21.9	Worcester	42.5	Carroll	36.4
Frederick	48.2	Wicomico	23.3	Garrett	42.9	Prince George's.....	36.7
Wicomico	48.2	Frederick	23.5	Dorchester	44.0	Somerset	37.8
Charles	48.3	Harford	23.8	Frederick	50.0	Anne Arundel.....	40.0
Cecil	49.2	Washington	24.2	Prince George's.....	50.0	Calvert	41.7
Washington	50.5	Kent	26.7	Talbot	50.0	Washington	41.7
Somerset	55.3	Worcester	27.5	Somerset	50.0	Kent	43.7
Kent	56.2	Baltimore	32.5	Wicomico	52.5	Talbot	45.7
Worcester	59.2	Prince George's.....	34.7	Anne Arundel.....	57.1	Charles	51.3
Talbot	63.0	Howard	38.1	Harford	57.6	Worcester	54.7
St. Mary's.....	63.2	Carroll	40.3	Caroline	59.3	Howard	55.5
Dorchester	63.6	Anne Arundel.....	40.8	Kent	63.6	St. Mary's.....	60.0
Allegany	63.6	Garrett	41.9	Cecil	71.0	Cecil	72.2
Caroline	64.4	Caroline	51.4	Carroll	77.5	Queen Anne's.....	80.8
Garrett	67.7	St. Mary's.....	60.0	Howard	78.6	Caroline	89.2
Carroll	68.1			Calvert	100.0		

ence and in per cent of teachers with less than four years of experience is given in Table 40. By studying the facts each county may see what its difficulties are in holding teachers in its schools.

TABLE 40.

RANK OF MARYLAND COUNTIES, JANUARY, 1923.

COUNTY	In Median Years of Experience.				In Per Cent. of Teachers With Experience Less Than Four Years.			
	White Rural Schools.	White Graded Schools.	White High Schools.	Colored Schools.	White Rural Schools.	White Graded Schools.	White High Schools.	Colored Schools
Allegany	19	6	5	11	20	7	5	5
Anne Arundel	3	15	18	14	2	19	16	11
Baltimore	1	10	2	1	1	15	2	2
Calvert	2	..	23	7	4	..	23	12
Caroline	20	21	16	20	21	21	18	22
Carroll	22	13	22	15	23	18	21	8
Cecil	12	1	21	21	12	3	20	20
Charles	11	17	1	16	11	5	4	16
Dorchester	18	7	7	6	19	6	10	6
Frederick	9	5	11	4	9	10	11	4
Garrett	23	20	8	..	22	20	9	..
Harford	8	9	17	3	8	11	17	3
Howard	7	19	20	19	6	17	22	18
Kent	17	12	19	13	15	13	19	14
Montgomery	4	11	3	2	5	8	3	1
Prince George's	6	18	12	8	7	16	12	9
Queen Anne's	5	2	4	22	3	1	6	21
St. Mary's	21	22	10	18	18	22	1	19
Somerset	14	4	14	9	14	4	14	10
Talbot	16	3	13	10	17	2	13	15
Washington	13	8	9	12	13	12	7	13
Wicomico	10	14	15	5	10	9	15	7
Worcester	15	16	6	17	16	14	8	17

SEX AND TURNOVER OF COUNTY TEACHERS

Of the 3,063 white elementary school teachers and principals in 1923, 287, or 9.4 per cent, were men. The only counties increasing the number of men teachers were Washington and Garrett. The turnover in the total elementary school staff between September, 1922, and June, 1923, was 6.7 per cent. (See page 219 for the number of men teaching in undivided counties.)

Approximately 37 per cent, 253 of the 687 white high school teachers, were men, and the average turnover in the high school staff from September to June was 5.2 per cent.

In the colored schools, 135, or 18.3 per cent, of the county teachers were men. The average turnover between September and June for colored men and women teachers was 9.6 per cent, 2.6 per cent more than last year. Kent, Dorchester, Worcester, Talbot, Somerset, Queen Anne's, Montgomery, and Prince George's show a much greater turnover than for the previous year.

TABLE 41.

Type of School	Total No. of Teachers	No. of Men Teachers	Per Cent of Men Teachers	Total No. of Teachers Employed to Keep Positions Filled	Per Cent of Turnover
White High	687	253	36.9	723	5.2
White Elementary	3,063	287	9.4	3,268	6.7
Colored	738	135	18.3	809	9.6

SUMMER SCHOOL ATTENDANCE IN 1923 BY MARYLAND COUNTY TEACHERS

Over 1000 white and 150 colored teachers from Maryland counties attended summer schools in 1923. Over 200 white elementary teachers attended the Towson Normal Summer School, 170 the University of Maryland, 130 Johns Hopkins University, and 113 the Frostburg Normal Summer School. Columbia University had 59 white elementary teachers from Maryland, and the Universities of Virginia and Delaware more than 30 each. (See Table 42.)

Of the 254 white high school teachers of the State attending summer schools, the largest number went to Hopkins, Columbia, the University of Maryland, and the University of Virginia.

Morgan College, Bowie Normal, and Hampton Institute gave instruction to two-thirds of the Maryland colored summer school attendants.

Nearly 44 per cent of the white elementary teachers at summer school held first grade certificates, 39 per cent held second grade certificates, and 17 per cent third grade certificates. The number going from each county is given in Table 43.

TABLE 42.

SUMMER SCHOOLS ATTENDED BY MARYLAND TEACHERS, 1923, AS REPORTED BY COUNTY SUPERINTENDENTS.

SCHOOL	Elementary School Teachers				High School Teachers	Total Number of Teachers
	First Grade	Second Grade	Third Grade	All Elementary		
WHITE						
University of Maryland	64	72	34	170	48	218
Towson Normal School	40	120	46	206	—	206
Johns Hopkins University	90	32	8	130	69	199
Columbia University	56	3	—	59	55	114
Frostburg Normal School	29	39	45	113	—	113
University of Virginia	24	10	1	35	25	60
University of Delaware	9	21	4	34	6	40
George Washington University	6	1	1	8	6	14
University of Pennsylvania	4	2	—	6	7	13
University of West Virginia	6	1	—	7	4	11
Shepardstown Normal School	3	5	1	9	—	9
Temple University	—	1	—	1	7	8
Cornell University	2	—	—	2	4	6
32 Other Schools *	23	9	2	34	23	57
Total	356	316	142	814	254	1,068
COLORED						
Morgan College	16	28	4	48	1	49
Bowie Normal	1	8	20	29	—	29
Hampton Institute	13	8	4	25	1	26
Princess Anne Academy	2	6	3	11	—	11
Dover College	1	5	4	10	—	10
Columbia University	4	—	—	4	3	7
13 Other Schools *	8	6	3	17	2	19
Total	45	61	38	144	7	151

* Each of these schools had less than five attendants from Maryland public elementary and high schools.

MARYLAND COUNTY TEACHERS ATTENDING SUMMER SCHOOLS, 1923

COUNTY	WHITE TEACHERS ATTENDING SUMMER SCHOOL IN 1923 HOLDING CERTIFICATES OF THE FOLLOWING GRADES												COLORED TEACHERS ATTENDING SUMMER SCHOOL IN 1923 HOLDING CERTIFICATES OF THE FOLLOWING GRADES							
	First Grade		Second Grade		Third Grade		Total Elementary		High School		Grand Total White		First Grade	Second Grade	Third Grade	Total Elementary		High School	Grand Total Colored	
	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.				Reg.	Prov.		Reg.	Prov.
Allegany	82	—	26	—	9	—	117	1	26	—	143	1	3	—	—	3	—	1	4	—
Anne Arundel	15	2	12	—	1	2	28	4	3	—	31	4	1	—	—	1	—	—	1	—
Baltimore	50	3	2	—	—	—	52	3	21	2	73	5	1	1	—	2	—	—	2	—
Calvert	4	—	—	—	5	—	9	—	4	—	13	—	—	—	—	—	—	—	—	—
Caroline	7	—	9	—	3	—	19	—	4	5	23	5	1	2*	1	3	1	1*	3	2
Carroll	12	—	13	5	9	2	34	7	8	9	42	16	—	1	2*	2	1	—	2	1
Cecil	11	—	27	1	2	1	40	2	12	2	52	4	2	1	—	3	—	—	3	—
Charles	5	—	10	2	5	1	20	3	2	1	22	4	4	3	3**	8	2	—	8	2
Dorchester	3	—	13	—	6	—	22	—	11	1	33	1	2	1	6**	7	2	—	7	2
Frederick	19	—	24	2	3	1	46	3	13	3	59	6	2**	1*	2*	1	4	—	1	4
Garrett	6	4	7	3	11	24	24	31	3	3	27	34	—	—	—	—	—	—	—	—
Harford	6	1	15	1	9	—	30	2	6	4	36	6	3	2	—	5	—	—	5	—
Howard	5	—	7	—	5	—	17	—	5	2	22	2	—	3*	2	4	1	—	4	1
Kent	9	—	14	1	1	—	24	1	4	2	28	3	—	4	—	4	—	1	5	—
Montgomery	23	—	4	4	4	1	31	5	11	3	42	8	2	2	2	6	—	—	6	—
Prince George's	21	—	20	1	6	—	47	1	8	4	55	5	9	6*	4*	17	2	—	17	2
Queen Anne's	3	—	6	—	—	—	8	—	4	2	12	2	—	1	—	1	—	—	1	—
St. Mary's	2	—	5	—	7	2	15	2	1	—	16	2	2	3	4	9	—	—	9	—
Somerset	10	—	10	2	4	1	24	3	7	4	31	7	2	10***	7**	14	5	1*	14	6
Talbot	12	—	9	—	—	—	21	—	9	3	30	3	7	7	2	16	—	—	16	—
Washington	20	—	33	2	6	1	59	3	5	—	64	3	2	—	—	2	—	—	2	—
Wicomico	15	1	16	1	2	—	33	2	15	5	48	7	—	10	—	10	—	3	13	—
Worcester	5	—	9	—	6	1	20	1	14	3	34	4	2	3	3*	7	1	—	7	1
Total	345	11	291	25	104	38	740	74	196	58	936	132	45	61	38	125	19	7	130	21

* Each asterisk represents a teacher holding a provisional certificate.

AVERAGE NUMBER BELONGING PER TEACHER

White High Schools

On the average there is one high school teacher in the counties for every twenty pupils belonging to the white high schools. One county, however, has a teacher for each twelve pupils (Kent), and another at the opposite extreme has one for each twenty-nine pupils (Washington). In comparison with the prevailing practice in Maryland, some of the Kent County high schools were overstaffed and some of the Washington County schools were understaffed. (See Chart CC.)

In order that each superintendent may see how the teaching staff in the county high schools correlates with the size of the average school membership, the facts have been tabulated in Table 44. Schools which have an exceptionally large or small number of teachers for the number of pupils are noted and listed in the footnotes.

For example, of the twenty-one first group schools having an average membership of fifty-one to seventy-five, four had three teachers, thirteen had four teachers, three had five teachers, and one (Rock Hall) had six teachers. The presence of so large a staff in Rock Hall certainly calls for an explanation. (For individual high schools see pages 232-237.)

CHART GG

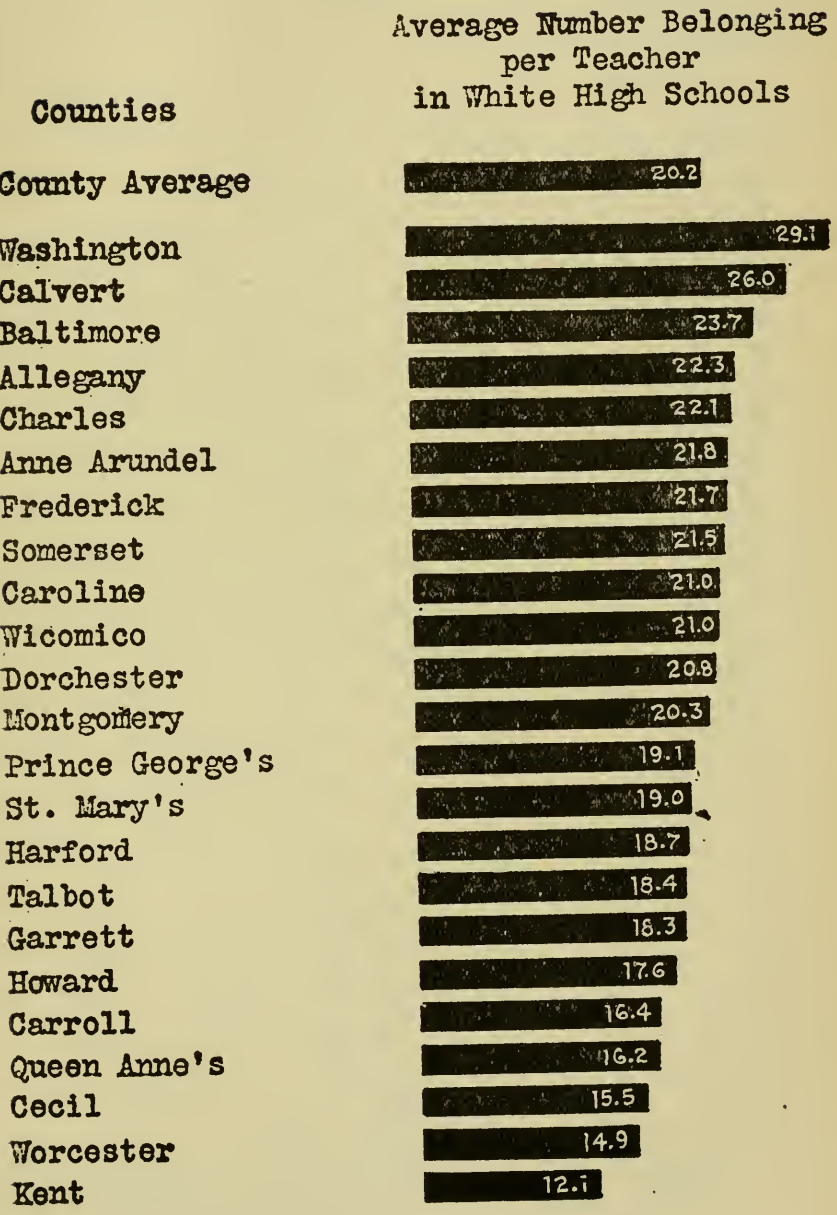

Average Number Belonging per Teacher in White High Schools
Counties
County Average 20.2
Washington 29.1
Calvert 26.0
Baltimore 23.7
Allegany 22.3
Charles 22.1
Anne Arundel 21.8
Frederick 21.7
Somerset 21.5
Caroline 21.0
Wicomico 21.0
Dorchester 20.8
Montgomery 20.3
Prince George's 19.1
St. Mary's 19.0
Harford 18.7
Talbot 18.4
Garrett 18.3
Howard 17.6
Carroll 16.4
Queen Anne's 16.2
Cecil 15.5
Worcester 14.9
Kent 12.1

TABLE 44.

RELATION OF TEACHING STAFF IN HIGH SCHOOLS TO SIZE OF ENROLLMENT FOR YEAR ENDING JULY 31, 1923

Average Number Belonging	Number of First Group High Schools Having Following Number of Teachers															Total No. of Schools
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Over 16	
26- 40	7															7
41- 50	8	4a														12
51- 75	4	13	3b	1c												21
76-100	1k	6	5													12
101-125	1s		2	1	1d											5
126-150				4	4	1e										9
151-175					2		2f		1g							5
176-200						2	2									4
201-225							2									2
226-250					1m											1
251-275									1	1				1h		3
276-300										1						1
301-325																
326-350											1p	1				2
351-375								1n	1o		1r			1		4
376-400														1		1
Over 400															3j	3
Total	21	23	10	6	8	3	6	1	3	2	2	1	1	2	3	92

Average Number Belonging	Number of High Schools Having Following Number of Teachers						Colored Schools Having Following Staff					
	Second Group			Third Group			First Group		Second Group		Third Group	Total
	2	3	Total	1	2	Total	4	5	2	4	1	
1-15				6	1	7					1	1
16-25	2	2	4	13		13			1		1	2
26-40	11	3	14	4		4	1		1			2
41-50	3	2	5						1			1
51-75	1		1				1	1				2
76 or more		1	1							1		1
Total	17	8	25	23	1	24	2	1	3	1	2	9

Overstaffed First Group Schools

a Clarksville, Galena, Oxford, Stockton.
b Chesapeake City, Barton, Baden.
c Rock Hall.
d Chestertown.
e Centreville.
f Berlin and Snow Hill
g Pocomoke.
h Westminster.

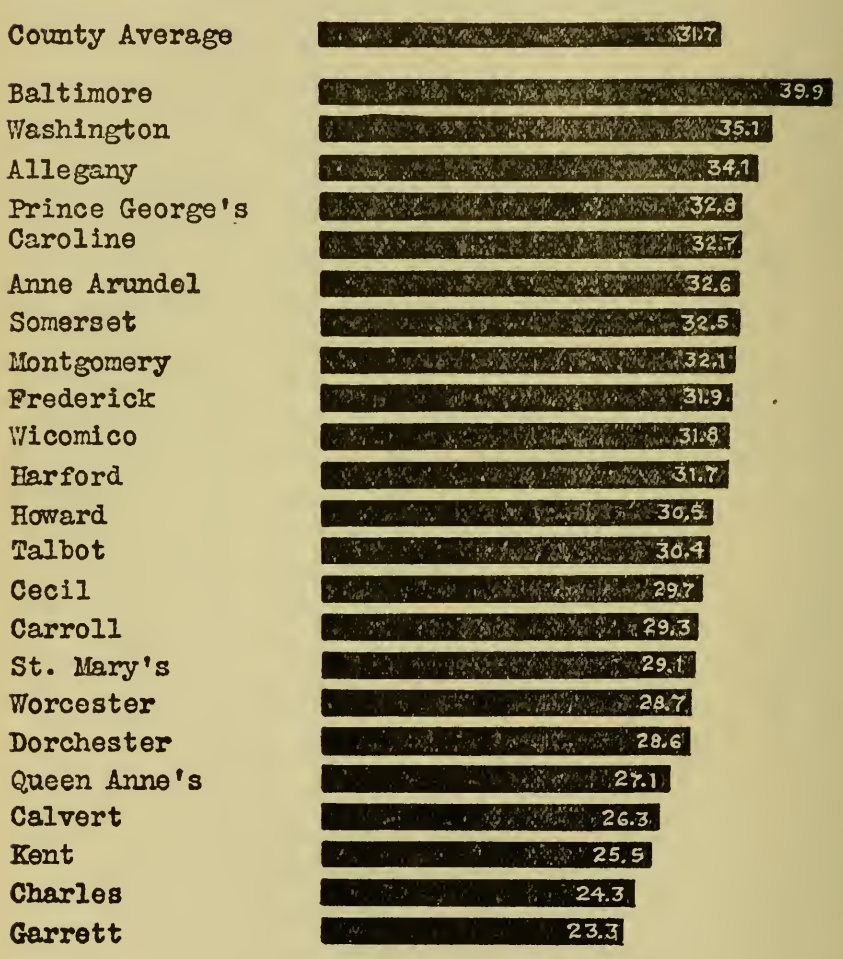
Understaffed First Group Schools

k Hancock.
m Rockville.
n Hagerstown, Girls.
o Hagerstown, Boys
p Catonsville.
r Towson.
s Smithsburg.

j Salisbury 24 teachers, 526 pupils; Frederick 24 teachers, 589 pupils; Cumberland 26 teachers, 686 pupils.

CHART HH

Average Number Belonging per Teacher in White Elementary Schools



White Elementary Schools

The average white elementary class in the counties has for each teacher 31.7 pupils belonging. The variation is great—from 39.9 pupils per teacher in Baltimore County to 23.3 in Garrett. Part of this variation is explained by the varying proportion of rural schools in the dif-

UNIVERSITY OF MARYLAND

ferent counties. In the larger schools it should be possible to keep the classes more uniform in size than in many of the one-room schools, especially when the latter are in districts thinly populated and geographically isolated. (See Chart HH and Table 46.)

The Larger Graded Schools.

In Baltimore County the larger graded schools have, on the average, 43.5 pupils per teacher. On the other hand, Kent has on the average 30.2 pupils, Carroll 31.5 pupils, and Garrett 32.2 pupils belonging per teacher. The rooms in old buildings have sometimes been built too small to accommodate classes of normal size. Sometimes administrators have been unwilling to combine classes in the larger schools but insist on one grade to a room. In providing for the Equalization Fund, a county is not allowed teachers except in accordance with the following schedule:

TABLE 45.

PRINCIPAL AND NUMBER OF ASSISTANTS NEEDED IN ELEMENTARY SCHOOLS.

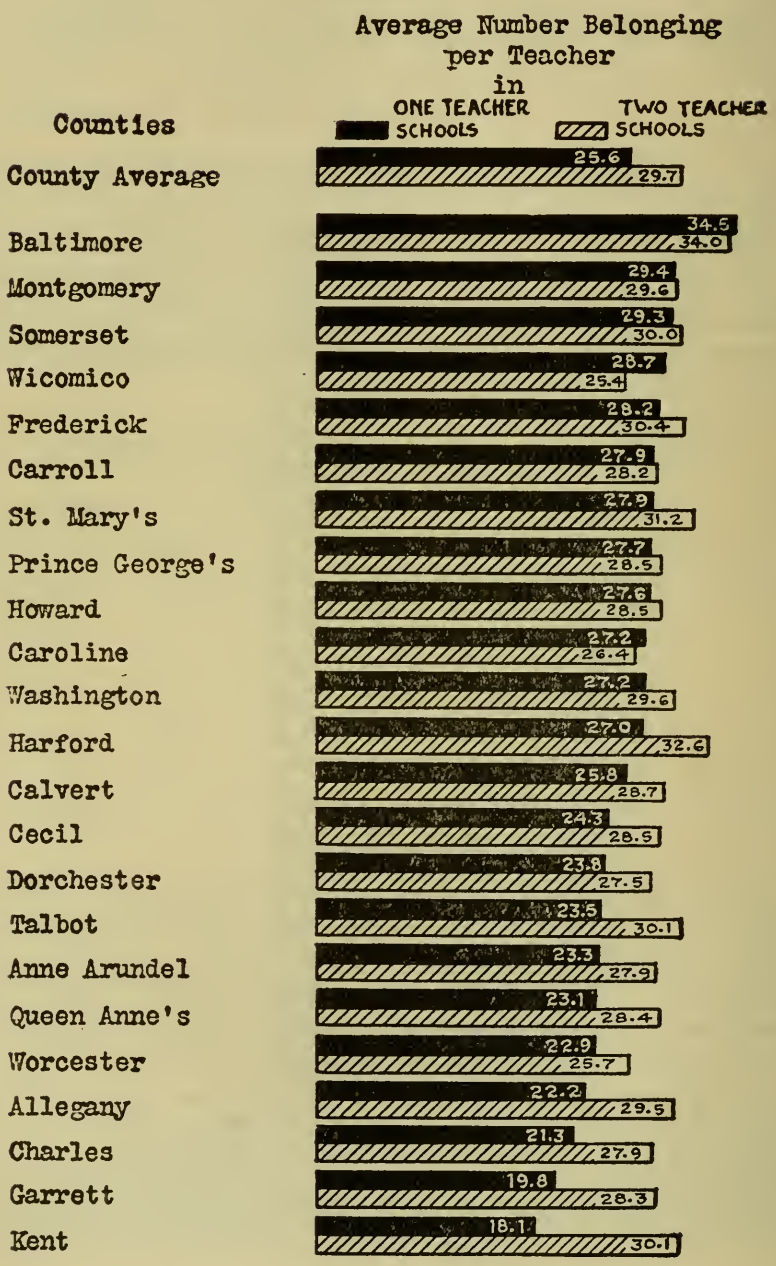
Average attendance	Principal	Assistant
41	1	1
81	1	2
121	1	3
161	1	4
201	1	5
241	1	6
281	1	7
321	1	8

The Rural Schools.

Size of class is one of the largest factors in determining the cost per pupil. It is because classes in one- and two-teacher schools are smaller than in the graded schools that costs in the former are higher, even though as a rule the teachers are poorly trained and inexperienced, and therefore poorly paid. On the average, the graded schools have nearly twelve more pupils per teacher than the one-teacher schools and over seven more than the two-teacher schools.

The average number belonging per teacher in the counties is 25.6 pupils in the one-teacher and 29.7 in the two-teacher schools. Baltimore County has an average of 34 per teacher in both types of schools, while Kent has an average of only 18 in the one-teacher schools, and Wicomico and Worcester have on the average between twenty-five and twenty-six in their two-teacher schools. (See Chart II and Table 46.)

CHART II


Average Number Belonging per Teacher in
ONE TEACHER SCHOOLS
TWO TEACHER SCHOOLS
Counties
County Average 25.6 29.7
Baltimore 34.5 34.0
Montgomery 29.4 29.6
Somerset 29.3 30.0
Wicomico 28.7 25.4
Frederick 28.2 30.4
Carroll 27.9 28.2
St. Mary's 27.9 31.2
Prince George's 27.7 28.5
Howard 27.6 28.5
Caroline 27.2 26.4
Washington 27.2 29.6
Harford 27.0 32.6
Calvert 25.8 28.7
Cecil 24.3 28.5
Dorchester 23.8 27.5
Talbot 23.5 30.1
Anne Arundel 23.3 27.9
Queen Anne's 23.1 28.4
Worcester 22.9 25.7
Allegany 22.2 29.5
Charles 21.3 27.9
Garrett 19.8 28.3
Kent 18.1 30.1

Colored Schools.

The average number belonging per teacher in colored elementary schools is 38.3 pupils, and the variation runs from 27.1 in Cecil to 46.8 in Somerset. In many cases classes are over large because there is a lack of buildings. (See Chart JJ and Table 46.)

CHART JJ

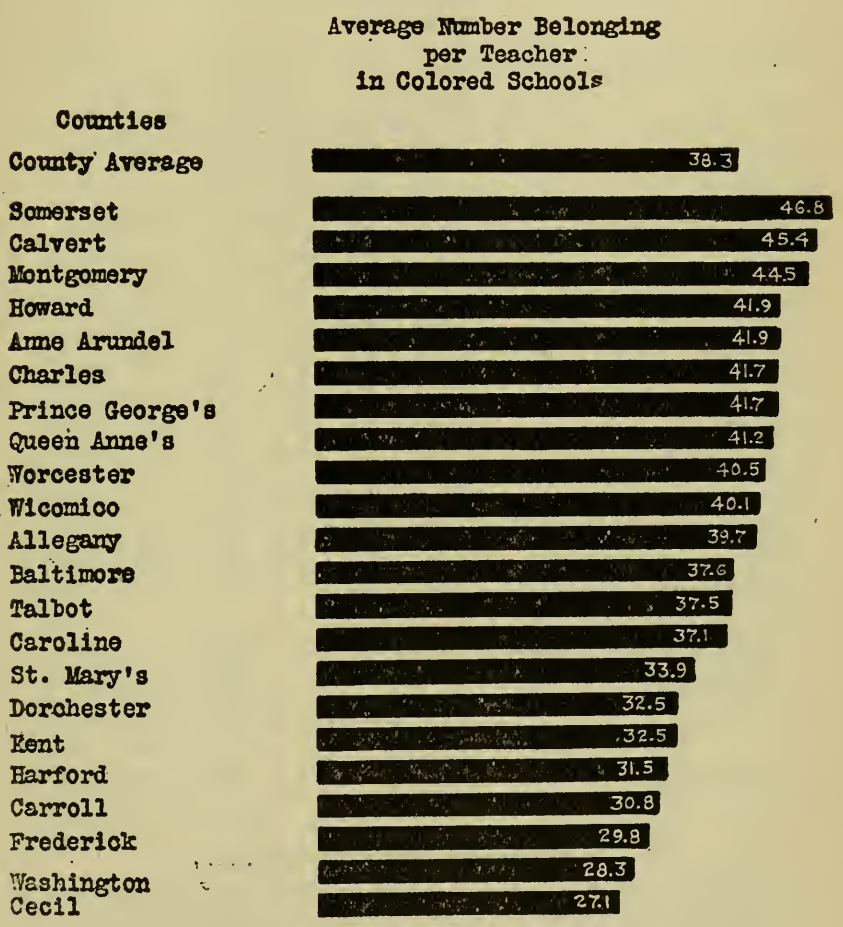


TABLE 46.

AVERAGE NUMBER BELONGING PER TEACHER—1922-23

COUNTY	WHITE ELEMENTARY SCHOOLS				WHITE HIGH SCHOOLS	COLORED ELEMENTARY SCHOOLS	COLORED HIGH SCHOOLS
	One Teacher Schools	Two Teacher Schools	Graded Schools	All Elementary Schools			
County Average	25.6	29.7	37.2	31.7	20.2	38.3	15.2
Allegany	22.2	29.5	37.5	34.1	22.3	39.7	8.8
Anne Arundel	23.3	27.9	37.6	32.6	21.8	41.9	10.8
Baltimore	34.5	34.0	43.5	39.9	23.7	37.6	----
Calvert	25.8	28.7	----	26.3	26.0	45.4	----
Caroline	27.2	26.4	39.7	32.7	21.0	37.1	11.7
Carroll	27.9	28.2	31.5	29.3	16.4	30.8	----
Cecil	24.3	28.5	36.8	29.7	15.5	27.1	----
Charles	21.3	27.9	33.1	24.3	22.1	41.7	9.3
Dorchester	23.8	27.5	34.9	28.6	20.8	32.5	21.5
Frederick	28.2	30.4	36.3	31.9	21.7	29.8	22.0
Garrett	19.8	28.3	32.2	23.3	18.3	----	----
Harford	27.0	32.6	36.9	31.7	18.7	31.5	----
Howard	27.6	28.5	36.1	30.5	17.6	41.9	----
Kent	18.1	30.1	30.2	25.5	12.1	32.5	8.5
Montgomery	29.4	29.6	35.2	32.1	20.3	44.5	----
Prince George's	27.7	28.5	36.1	32.8	19.1	41.7	----
Queen Anne's	23.1	28.4	33.2	27.1	16.2	41.2	----
St. Mary's	27.9	31.2	35.6	29.1	19.0	33.9	----
Somerset	29.3	30.0	35.8	32.5	21.5	46.8	----
Talbot	23.5	30.1	33.4	30.4	18.4	37.5	14.2
Washington	27.2	29.6	40.1	35.1	29.1	28.3	----
Wicomico	28.7	25.4	36.0	31.8	21.0	40.1	26.3
Worcester	22.9	25.7	34.7	28.7	14.9	40.5	----
Baltimore City							
Elementary	----	----	----	34.8	----	38.1	26.7
Junior High	----	----	----	26.5	----	----	----
Vocational	----	----	----	11.9	----	----	----
Total	----	----	----	33.3	26.3	----	----
State Average	----	----	----	32.4	22.0	38.3	22.9

Attendance in One-Teacher Schools

White one-teacher schools having an average attendance of less than 16 increased in number from 305 in 1922 to 338 in 1923. Just under one-third (30.9 per cent) of the one-teacher schools had this small attendance. At the same time 108, or only one-tenth of the one-teacher schools, had an average attendance of more than 30. The number of schools having a small attendance increased by 33, and the number having a large attendance decreased by 14.

Dorchester, Caroline, Calvert, and Anne Arundel decreased the number of small schools by means of consolidation, while Carroll, Garrett, Frederick, Cecil, Allegany, and Worcester increased the number by three or more.

For white schools the counties are listed in the order of the per cent of one-teacher schools having an attendance of less than 16 in 1923—the per cent varying from 6.4 in Howard to 62.5 in Kent.

TABLE 47.

NUMBER AND PER CENT OF WHITE ONE-TEACHER SCHOOLS HAVING AN ATTENDANCE OF LESS THAN 16 AND MORE THAN 30

COUNTY	Number Having Attendance of				Per Cent Having Attendance of			
	Less than 16		More than 30		Less than 16		More than 30	
	1922	1923	1922	1923	1922	1923	1922	1923
County Average	305	338	122	108	27.1	30.9	10.9	9.9
Howard	1	2	3	3	3.2	6.4	9.7	9.7
Baltimore	4	3	16	16	10.0	7.9	40.0	42.1
Wicomico	7	6	11	7	16.3	14.3	25.6	16.7
Montgomery	5	6	5	4	12.8	15.4	12.8	10.3
Caroline	7	5	4	5	21.9	17.2	12.5	17.2
Carroll	6	17	10	7	6.7	17.9	11.1	7.4
Frederick	14	19	16	14	14.1	19.8	16.2	14.6
Washington	16	17	10	8	20.2	21.8	12.7	10.3
Prince George's	7	9	10	8	17.5	25.7	25.0	22.9
Harford	12	14	7	7	23.5	26.9	13.7	13.5
St. Mary's	10	12	6	4	23.3	27.3	14.0	9.1
Somerset	9	8	6	9	34.6	26.7	23.1	30.0
Cecil	11	15	1	2	21.6	30.6	2.0	4.1
Anne Arundel	12	10	1	—	33.3	32.2	2.8	—
Queen Anne's	10	12	1	1	27.0	33.3	2.7	2.8
Talbot	5	6	2	2	27.8	40.0	11.1	13.3
Calvert	14	12	1	4	45.2	40.0	3.2	13.3
Allegany	18	21	4	3	34.6	42.0	7.7	6.0
Dorchester	28	21	2	2	47.5	43.7	3.4	4.2
Worcester	14	17	—	—	41.2	48.6	—	—
Garrett	60	68	3	2	48.0	54.4	2.4	1.6
Charles	21	23	2	—	47.7	56.1	4.5	—
Kent	14	15	1	—	58.3	62.5	4.2	—

One-third of the colored one-teacher schools have an attendance of more than 30, and nearly one-seventh have less than 16. The colored schools are listed in the order of the last column, which shows the per cent of one-teacher schools having an attendance of 30 or more. Most of the cases of excessively large colored schools are due to a lack of an additional room in which to place another colored teacher to reduce congestion. With the opportunity for aid from the Rosenwald Fund in building colored schools, the classes having an average attendance of 40 or more pupils should be reduced.

TAPLE 48.

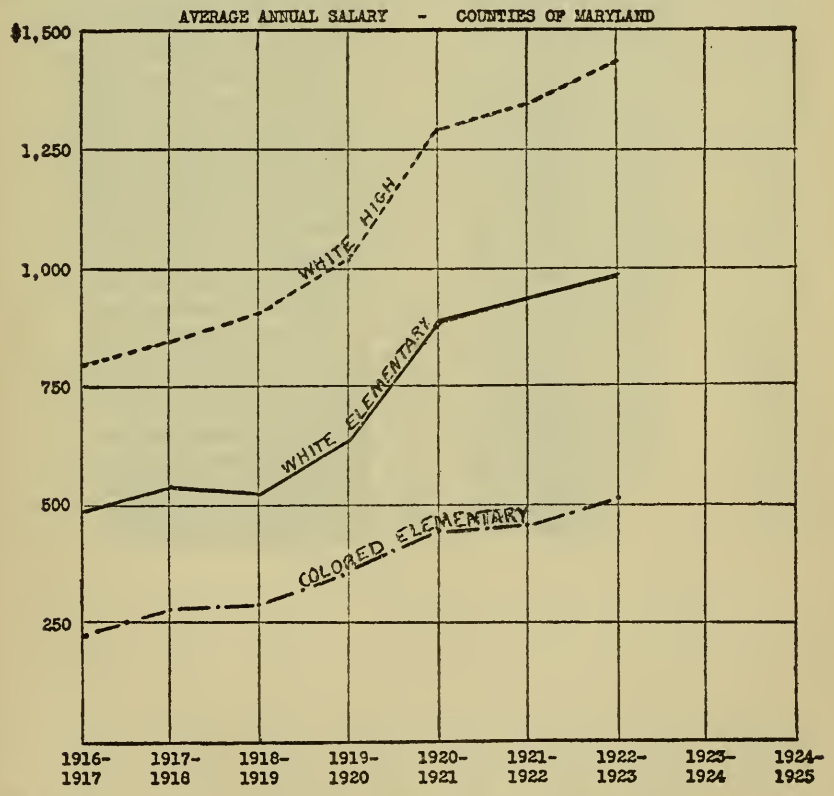
NUMBER AND PER CENT OF COLORED ONE-TEACHER SCHOOLS HAVING AN ATTENDANCE OF LESS THAN 16 AND MORE THAN 30

COUNTY	Number Having Attendance of				Per Cent Having Attendance of			
	Less than 16		More than 30		Less than 16		More than 30	
	1922	1923	1922	1923	1922	1923	1922	1923
County Average	58	55	133	134	14.4	13.7	32.9	33.3
Carroll	3	2	—	—	37.5	25.0	—	—
Cecil	3	4	1	—	27.3	36.3	9.1	—
Washington	4	3	—	—	57.1	42.8	—	—
Kent	1	2	3	1	5.0	10.0	15.0	5.0
Dorchester	6	9	7	3	18.7	28.1	21.9	9.4
Frederick	4	5	2	3	21.1	25.0	10.5	15.0
St. Mary's	5	4	4	4	21.7	16.7	17.4	16.7
Harford	2	3	2	3	15.4	21.4	15.4	21.4
Baltimore	4	3	4	5	17.4	13.6	17.4	22.7
Howard	1	1	6	3	7.7	8.1	46.2	27.3
Charles	7	3	11	9	24.1	10.3	38.0	31.0
Caroline	—	2	4	5	—	13.3	26.7	33.3
Anne Arundel	4	4	13	11	13.3	13.8	43.3	37.9
Queen Anne's	3	1	14	10	15.0	5.0	70.0	50.0
Calvert	3	1	7	9	15.8	5.6	36.8	50.0
Worcester	2	2	8	9	11.1	11.8	44.5	53.0
Montgomery	1	2	14	16	3.4	6.7	48.3	53.3
Wicomico	—	1	4	6	—	9.1	40.0	54.5
Prince George's	2	1	14	16	6.9	3.4	48.3	55.2
Talbot	2	2	9	9	11.8	12.5	53.0	56.2
Somerset	1	—	6	12	5.3	—	31.6	63.2

SALARIES OF TEACHERS

The average salaries of county teachers increased as a result of the new salary schedules established by the Legislature of 1922. Salaries of white high school teachers increased by $91 to $1,436; of white elementary teachers by $53, to $990; and of colored elementary teachers by $58, to $513. Part of the last increase is due to the additional month which colored schools were open last year. The increases in salaries of white elementary teachers are due for the most part to the employment of a larger proportion of normal school graduates. (See Chart KK.)

CHART KK



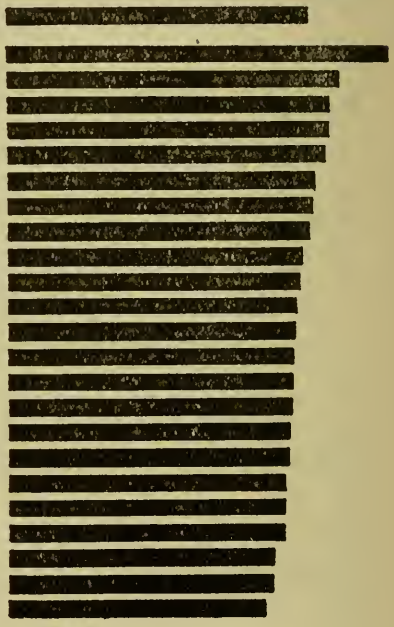
	1916-1917	1917-1918	1918-1919	1919-1920	1920-1921	1921-1922	1922-1923	1923-1924	1924-1925
Wh.H.	$798	$841	$908	$1017	$1289	$1345	$1436		
Wh.El.	491	542	521	631	881	937	990		
Col.El.	228	279	283	359	442	455	513		

Salaries in the Counties

The average salaries of teachers in white high schools by counties range from $1,218 in Calvert to $1,811 in Baltimore County. These teachers are required to be college graduates. Three counties paying salaries above the minimum schedule showed decreases. The average salary in the median county was $1,363. (See Chart LL.)

CHART LL

Counties	Average Salary per Teacher in White High Schools 1921	1922	1923
County Average	$1295	$1345	$1436
Baltimore	1718	1935	1811
Allegany	1467	1538	1571
Charles	1424	1561	1532
Washington	1459	1451	1532
Montgomery	1375	1528	1509
Harford	1300	1380	1459
Anne Arundel	1060	1169	1444
Frederick	1298	1292	1435
Talbot	1198	1159	1407
Caroline	1042	1143	1388
Carroll	1240	1312	1370
Prince George's	1089	1210	1363
Dorchester	1170	1164	1356
Cecil	1181	1215	1351
St. Mary's	-	-	1350
Queen Anne's	1045	1226	1339
Somerset	1092	1079	1331
Worcester	1330	1295	1315
Howard	1093	1027	1315
Garrett	1136	1192	1311
Wicomico	1150	1153	1259
Kent	1378	1207	1253
Calvert	630	990	1218



Every county except Baltimore showed increases in the average salary of white elementary school teachers, and all except two, Harford and Worcester, showed increases in the salaries of colored teachers. (See Charts MM and NN.)

CHART MM

Counties	Average Salary per Teacher in White Elementary Schools 1921	1922	1923
County Average	$884	$937	$990
Baltimore	1,339	1,517	1,517
Allegany	1,147	1,218	1,245
Montgomery	989	1,070	1,129
Cecil	994	1,002	1,046
Anne Arundel	936	991	1,013
Talbot	810	827	985
Queen Anne's	831	855	977
Washington	908	949	967
Kent	974	883	941
Prince George's	852	845	935
Frederick	845	868	922
Harford	796	858	913
Calvert	765	786	909
Wicomico	802	805	895
Howard	766	824	869
Dorchester	699	700	831
Caroline	742	737	823
Somerset	734	761	820
Charles	744	779	810
Carroll	693	708	803
Worcester	669	686	783
St. Mary's	640	665	696
Garrett	503	574	646

CHART NN

Counties	Average Salary 1921	1922	1923
County Average	$442	$465	$527
Allegany	1065	1290	1321
Baltimore	1034	1084	1136
Washington	648	608	654
Cecil	557	542	638
Harford	535	560	548
Prince George's	450	478	539
Anne Arundel	387	426	532
Carroll	441	418	516
Wicomico	412	414	511
Frederick	486	499	508
Montgomery	399	464	507
Talbot	377	390	492
Queen Anne's	384	366	478
Howard	357	397	467
Kent	368	370	439
Caroline	340	380	434
Somerset	326	344	432
Charles	335	346	414
Dorchester	342	372	410
Worcester	394	407	402
Calvert	262	264	379
St. Mary's	265	297	349

Salaries in Rural and Graded Schools

The average salary of teachers in white one-teacher schools was $222 less than in the white graded schools. The one-teacher schools have, of course, a smaller proportion of trained and experienced teachers than either the two-room schools or the graded schools, which partly accounts for the difference. The new salary schedule provides for the payment of an extra $100 to normal school graduates who are in charge of one- or two-teacher schools. This accounts for the salaries in the rural schools of Baltimore County being higher than those in the graded schools, for the rural schools are as well supplied with trained teachers as are the graded schools. (See Table 50.)

TABLE 50.

AVERAGE SALARY PER TEACHER, SCHOOL YEAR ENDING JULY, 1923

COUNTY	WHITE SCHOOLS					COLORED SCHOOLS	
		Elementary					
	High	One Teacher	Two Teacher	Graded	All	Elementary	High
County Average	$1,436	$823	$1,009	$1,045	$990	$513	$906
Allegany	1,571	1,079	1,247	1,281	1,245	1,221	1,470
Anne Arundel	1,444	891	1,063	1,039	1,013	500	920
Baltimore	1,811	1,603	1,508	1,504	1,517	1,136	----
Calvert	1,218	869	1,115	----	909	379	----
Caroline	1,388	768	789	882	823	419	706
Carroll	1,370	698	790	956	803	516	----
Cecil	1,351	987	1,012	1,139	1,046	638	----
Charles	1,532	736	818	1,217	810	399	760
Dorchester	1,356	704	834	982	831	386	774
Frederick	1,435	797	903	1,049	922	487	847
Garrett	1,311	574	735	848	646	----	----
Harford	1,459	829	945	998	913	548	----
Howard	1,315	822	823	965	869	467	----
Kent	1,253	797	1,081	1,020	941	420	673
Montgomery	1,509	1,052	1,041	1,222	1,129	507	----
Prince George's	1,363	809	904	989	935	539	----
Queen Anne's	1,339	887	1,063	1,077	977	478	----
St. Mary's	1,350	662	780	731	696	349	----
Somerset	1,331	752	824	871	820	432	----
Talbot	1,407	882	1,205	955	985	469	816
Washington	1,532	877	976	1,008	967	654	----
Wicomico	1,259	817	951	937	895	481	786
Worcester	1,315	707	655	891	783	402	----
Baltimore City	2,270	----	----	----	----	1,644	1,745
Elementary	----	----	----	----	1,530	----	----
Junior High	----	----	----	----	1,698	----	----
Vocational	----	----	----	----	2,140	----	----
All	----	----	----	----	1,559	----	----
State Average	1,690	----	----	----	1,228	899	1,455

FINANCING MARYLAND'S SCHOOLS

The 1923 School Current Expenses

For the school year ending July 31, 1923, $12,843,229 was spent in Maryland for running the public elementary and high schools. Of this amount $5,964,456.44 was disbursed in the 23 counties and $6,878,-772.57* in Baltimore City. These amounts were used to provide for an average school membership of 138,824 day school pupils in the counties, and 96,104* in Baltimore City. This makes the average current expense cost of education per pupil belonging in the counties $43 and in Baltimore City $71.59.

Expenditures in the counties increased by $673,332 and in Baltimore City by $318,927 over those for the previous year, making the total increase in the entire State $992,259, or 8.3 per cent. (See Table 51.)

In the counties these increases were necessary in order to provide for 10 per cent more trained teachers in white elementary schools; to meet the new salary schedule in effect as a result of the legislation of 1922; to increase the required length of session in colored schools from seven to eight months; to provide a more nearly adequate supply of text-books and materials of instruction; to furnish supervision of rural schools in every county in the State; and to care for the increased enrollment of 5,000 in both high and elementary county schools. The increase in high school enrollment alone was over 2,000. These improved conditions were brought about in the poorer counties partly through the State Equalization Fund, which aided 15 counties.

One-third of the six million dollars needed to run the county schools in 1923 came from State funds and two-thirds from local funds. County school maintenance costs increased from $3,184,351 in 1919 to $5,964,456 in 1923, an increase of $2,780,105, or 87 per cent, over 1919. The increase in State appropriations to the county schools over this period was $796,134, or 65 per cent, and the added county appropriations were $1,983,971, or 101.5 per cent. County support of school running expense therefore doubled during this period. In 1923 the county appropriations for maintaining schools were nearly double those made by the State. At the same time there was a great increase in expenditures for buildings, financed for the most part by the sale of bonds. From slightly over $300,000 devoted to capital outlay in 1919, there was a steady increase to nearly five times as much in 1923, the per cent of increase being 374. (See Table 51 and Table XXVII, p. 248.)

It will be noted that for the first time during the past year the increase in the amount expended by the State for current expenses was greater than the increase in the counties. This is due to the first year of the operation of the Equalization Fund.

In Baltimore City the increases in operating costs and capital outlay were greater than in the counties. Thus in the State as a whole cur-

* The teacher training schools are not included in this figure.

rent expenses for public schools amounted to $12,914,250 in 1923, and capital outlay expenditures to $4,776,355.

These amounts perhaps seem large, but when school expenditures are compared with certain other expenditures for luxuries in Maryland during 1923, the former do not seem to be large enough, considering the vital importance of schools to the welfare of the community now and in the future. Nearly $12,000,000 was used for pure entertainment and enjoyment at the theatres, movies, and concerts in 1923; nearly $6,000,000 worth of candy was eaten, and over $14,000,000 worth of cigars and cigarettes were burned up. If we have money enough to spend on these luxuries, certainly we can afford to support every legitimate demand of the schools.

TABLE 51.

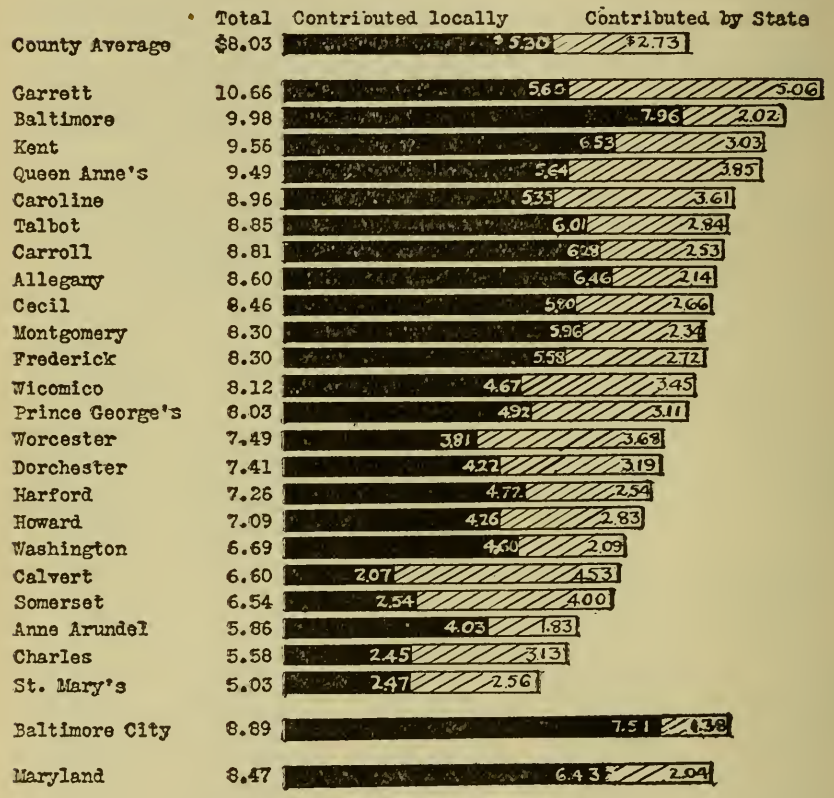
TOTAL CURRENT EXPENSE DISBURSEMENTS INCLUDING AMOUNTS RECEIVED FROM STATE AND LOCAL FUNDS TOGETHER WITH CAPITAL OUTLAY DISBURSEMENTS FOR MARYLAND SCHOOLS, 1919-1923.

Year	Current Expense Disbursements			Capital Outlay Disbursements
	Total	From State Funds	From Local Funds	
TOTAL COUNTIES				
1919	$3,184,351.22	$1,230,181.60	$1,954,169.62	$ 311,137.08
1920	3,703,153.29	1,186,192.67	2,516,960.62	485,601.23
1921	5,043,923.02	1,554,693.60	3,489,229.42	929,024.08
1922	5,291,124.43	1,545,695.85	3,745,428.58	1,121,553.98
1923	5,964,456.44	2,026,315.58	3,938,140.86	1,475,268.52
Increase over 1919	2,780,105.22	796,133.98	1,983,971.24	1,164,131.44
% of Increase over 1919	87.3	64.8	101.5	374
BALTIMORE CITY				
1919	$2,832,543.59	$ 671,006.78	$2,161,536.81	$ 38,562.29
1920	3,706,641.51	713,287.02	2,993,354.49	60,741.25
1921	5,394,655.76	1,032,541.55	4,362,114.21	1,267,636.20
1922	6,631,682.32	1,026,972.79	5,604,709.53	1,417,569.15
1923	*6,949,793.45	1,066,100.96	*5,883,692.49	3,301,086.21
Increase over 1919	4,117,249.86	395,094.18	3,722,971.71	3,262,523.92
% of Increase over 1919	145.4	58.9	172.	8,460
ENTIRE STATE				
1919	$6,016,894.81	$1,901,188.38	$4,115,706.43	$ 349,699.37
1920	7,409,794.80	1,899,479.69	5,510,315.11	546,342.48
1921	10,438,578.78	2,587,235.15	7,851,343.63	2,196,660.28
1922	11,922,806.75	2,572,668.64	9,350,138.11	2,539,123.13
1923	*12,914,249.89	3,092,416.54	*9,821,833.35	4,776,354.73
Increase over 1919	6,897,355.08	1,191,228.16	5,706,126.92	4,426,655.36
% of Increase over 1919	114.6	62.7	138.7	1,266

* Includes Baltimore City Training Schools for Teachers.

CHART OO

AMOUNT CONTRIBUTED TOWARD CURRENT SCHOOL EXPENSES IN 1923 BY EACH INHABITANT OF MARYLAND AND ITS COUNTIES


Total
Contributed locally
Contributed by State
County Average $8.03 5.30 $2.73
Garrett 10.66 5.60 5.06
Baltimore 9.98 7.96 2.02
Kent 9.56 6.53 3.03
Queen Anne's 9.49 5.64 3.85
Caroline 8.96 5.35 3.61
Talbot 8.85 6.01 2.84
Carroll 8.81 6.28 2.53
Allegany 8.60 6.46 2.14
Cecil 8.46 5.80 2.66
Montgomery 8.30 5.96 2.34
Frederick 8.30 5.58 2.72
Wicomico 8.12 4.67 3.45
Prince George's 8.03 4.92 3.11
Worcester 7.49 3.81 3.68
Dorchester 7.41 4.22 3.19
Harford 7.26 4.77 2.54
Howard 7.09 4.26 2.83
Washington 6.69 4.60 2.09
Calvert 6.60 2.07 4.53
Somerset 6.54 2.54 4.00
Anne Arundel 5.86 4.03 1.83
Charles 5.58 2.45 3.13
St. Mary's 5.03 2.47 2.56
Baltimore City 8.89 7.51 1.38
Maryland 8.47 6.43 2.04

Do Maryland Schools Cost Too Much?

For every man, woman and child in Maryland in 1923, $8.47 was spent to keep the public schools in operation, *i. e.,* to pay the salaries of the teaching, administrative, and supervisory staffs, to buy books and supplies, to heat, clean and repair buildings, to transport pupils and to provide health service for them. In 1921 the amount for the United States as a whole was approximately $10.00.

In the average county $8.03 was spent, but the amount varied from $5.03 in the poorest county (St. Mary's), offering limited educational opportunities, to $9.98 in the wealthiest, having a well trained,

well supervised and well paid staff giving a rich and varied curriculum (Baltimore County), and $10.66 in Garrett, whose mountainous, isolated sections are very sparsely populated. Although Garrett has the poorest trained teaching staff and the lowest salaries, because of the large number of one-teacher schools with few pupils in attendance, she is spending more per inhabitant than any other county. (See Chart OO and Table 52, in which counties are arranged in the order of the cost of school current expense per inhabitant.)

A few rich counties, like Washington, Howard and Harford, spend only $6.69, $7.09, and $7.26 for each pupil, far less than the amount in the average county.

Baltimore City, with an expenditure for elementary and high schools of $8.89 for each inhabitant, is surpassed in total expenditure by only Queen Anne's, Kent, Baltimore and Garrett counties. Kent has an unusual number of small one-teacher schools and a large staff in each of the smaller high schools.

How Much Did Each Local Unit Raise?

The amount raised through local funds per inhabitant, which was $6.43 for the State as a whole and $5.30 in the average county, ranged from $2.07 in Calvert County to $7.96 in Baltimore County. Baltimore City, which spent per inhabitant $7.51 through city appropriations, comes next to Baltimore County. Charles, St. Mary's and Somerset, which provided only $2.45, $2.47, and $2.54, respectively, from local funds, together with Calvert with $2.07, and Worcester with $3.81, are the only counties putting up less than $4.00 for each person living in those counties.

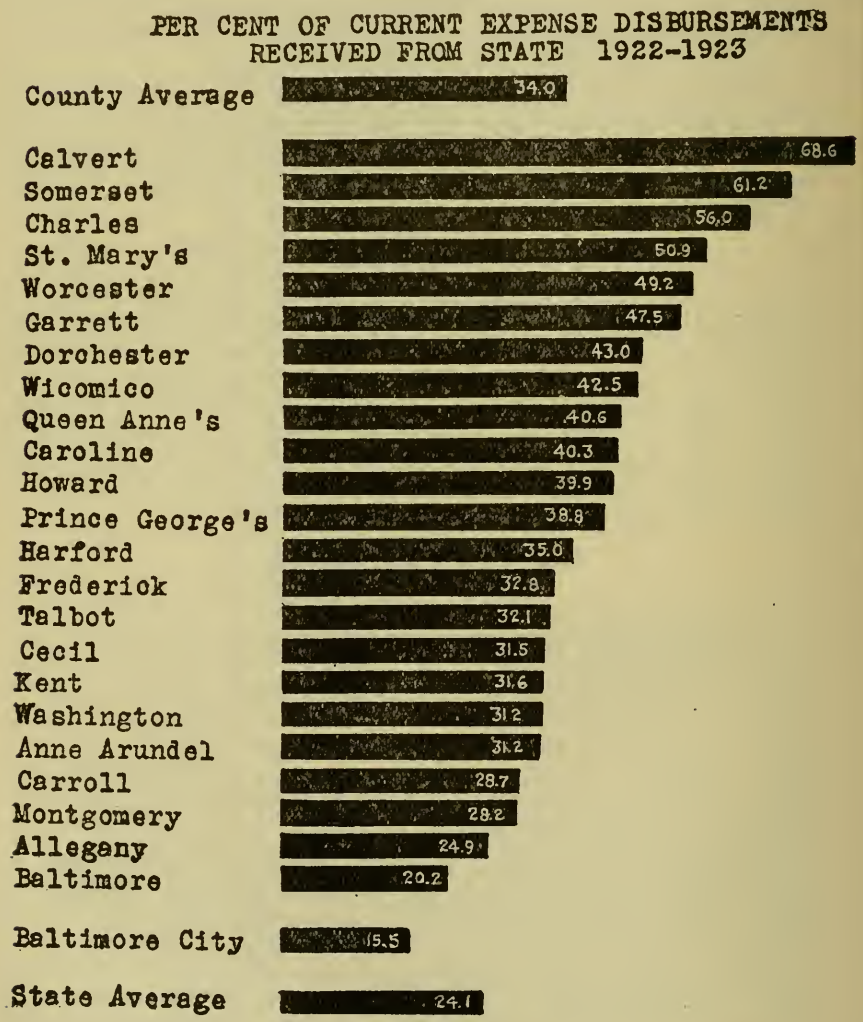
The State's Aid to the Counties

The purpose in having State aid through the Equalization Fund is to help the poorer counties. It is therefore interesting to find that the largest amounts of State aid per inhabitant went to Garrett ($5.06), Calvert ($4.53), Somerset ($4.00), and the smallest amounts to the rich sections of Baltimore City ($1.38), Anne Arundel ($1.83), Baltimore County ($2.02), Washington ($2.09), Allegany ($2.14), and Montgomery ($2.34). Anne Arundel County received comparatively little State aid because of the small number of high schools in the county. (See Table XXVI, page 247.)

For Maryland as a whole, one-fourth of the amounts expended for school current expenses came from the State. In the average county about one-third came from the State, while in Baltimore City less than one-sixth of the expenditures for school running expenses came from the State treasury. Six counties drew more than 45 per cent of the amounts expended for running the schools from State sources—Calvert, 68.6 per cent; Somerset, 61.2 per cent; Charles, 56 per cent; St.

Mary's, 50.9 per cent; Worcester, 49.2 per cent; and Garrett, 47.5 per cent. In this way Maryland is attempting to offer all of her children more nearly equal opportunities than would be possible without State aid to the counties less well endowed with riches. (See Chart PP for arrangement in order of per cent of aid received from the State, and Table 53 for alphabetical list by counties.)

CHART PP



On the average, in the United States the proportion of aid given by the State is one-third of the total cost. Maryland, with only 24 per cent provided by the State, does much less than the average State in aiding its subdivisions.

TABLE 52.

EXPENDITURE PER INHABITANT FOR RUNNING PUBLIC ELEMENTARY AND HIGH SCHOOLS, YEAR ENDING JULY 31, 1923.

COUNTY	Estimated Population 1923	Expenditure per Inhabitant for 1923 School Current Expenses. Total	Contributed by State	Contributed Locally	Per Cent. Contributed by State
County Average	742,525	$8.03	$2.73	$5.30	34.0
Garrett	19,650	10.66	5.06	5.60	47.5
Baltimore	85,000	9.98	2.02	7.96	20.2
Kent	14,600	9.56	3.03	6.53	31.6
Queen Anne's	15,850	9.49	3.85	5.64	40.6
Caroline	18,500	8.96	3.61	5.35	40.3
Talbot	18,000	8.85	2.84	6.01	32.1
Carroll	34,300	8.81	2.53	6.28	28.7
Allegany	73,000	8.60	2.14	6.46	24.9
Cecil	23,600	8.46	2.66	5.80	31.5
Montgomery	35,600	8.30	2.34	5.96	28.2
Frederick	52,500	8.30	2.72	5.58	32.8
Wicomico	29,000	8.12	3.45	4.67	42.5
Prince George's	45,200	8.03	3.11	4.92	38.8
Worcester	25,200	7.49	3.68	3.81	49.2
Dorchester	27,700	7.41	3.19	4.22	43.0
Harford	29,500	7.26	2.54	4.72	35.0
Howard	15,725	7.09	2.83	4.26	39.9
Washington	62,600	6.69	2.09	4.60	31.2
Calvert	9,600	6.60	4.53	2.07	68.6
Somerset	24,200	6.54	4.00	2.54	61.2
Anne Arundel	49,500	5.86	1.83	4.03	31.2
Charles	17,700	5.58	3.13	2.45	56.0
St. Mary's	16,000	5.03	2.56	2.47	50.9
Baltimore City	773,850	8.89	1.38	7.51	15.5
Maryland	1,516,375	8.47	2.04	6.43	24.1

TABLE 53.

PER CENT OF AMOUNT EXPENDED FOR CURRENT EXPENSES
1922-23
RECEIVED FROM STATE AND VOCATIONAL FUNDS

COUNTY	Total Disbursements for Current Expenses	Total Received From State and Vocational Funds	Per Cent. Received from State and Vocational Funds
Average County	$5,964,456.44	$2,026,315.58	34.0
Allegany	628,350.55	156,716.57	24.9
Anne Arundel	289,883.60	90,428.21	31.2
Baltimore	848,563.58	171,262.75	20.2
Calvert	63,350.03	43,454.71	68.6
Caroline	165,957.09	66,862.46	40.3
Carroll	302,287.60	86,766.76	28.7
Cecil	199,770.74	62,857.54	31.5
Charles	98,702.50	55,334.00	56.0
Dorchester	205,393.38	88,382.22	43.0
Frederick	436,205.79	143,123.61	32.8
Garrett	209,621.99	99,552.09	47.5
Harford	214,064.02	74,900.38	35.0
Howard	111,583.78	44,575.79	39.9
Kent	139,537.58	44,166.43	31.6
Montgomery	295,970.52	83,299.32	28.7
Prince George's	362,991.52	140,674.09	38.8
Queen Anne's	150,494.24	61,047.71	40.6
St. Mary's	80,593.62	41,023.65	50.9
Somerset	158,240.38	96,852.52	61.2
Talbot	159,491.43	51,146.53	32.1
Washington	418,879.85	130,850.67	31.2
Wicomico	235,671.05	100,216.76	42.5
Worcester	188,851.60	92,820.81	49.2
Baltimore City	6,878,772.57	1,066,100.96	15.5
State Average	12,843,229.01	3,092,416.54	24.1

THE EQUALIZATION FUND

The Equalization Fund makes it possible for every county, poor or rich, without increasing local taxes to fill from year to year every school vacancy with a professionally trained teacher and to provide this teacher with the requisite materials for instruction.

The Equalization Fund is computed by assembling the following facts for each teacher from each county superintendent:

School
Name of teacher
Years of experience
Grade of certificate
Salary
Change in certificate grade by:
a. Raising grade of certificate
b. Replacing teacher with another having additional training.

These facts are verified, teachers in excess of the requirements of Section 47 of the State School Law are eliminated, salaries are counted at the minimum provided by Sections 60, 126 and 132 of the State School Laws passed by the Legislature of 1922, and any salary paid by the county in excess of this schedule is reduced.

The sum of the salaries of necessary teachers corrected as above is divided by .76 to determine the county school budget required. The salary budget should not be more than 76 per cent of the total budget according to Section 133 of the State School Laws. The additional 24 per cent is needed to cover the current cost of administration and supervision, books, supplies, cleaning, heating, repairing buildings, transporting pupils, providing library and health service. (See left side of calculation sheet.)

The Equalization Fund is the difference between the amount required above and the amount available for school purposes from State aid for high schools, census and attendance, books and supplies, part payment of salaries of county officials plus the amount available from a county tax of 67 cents on the assessed valuation of property taxable at the full rate for county purposes. (See right side of calculation sheet.)

The counties receiving the Equalization Fund are therefore those in greatest need of help in carrying the minimum essentials of the State requirements without having to tax themselves above the school tax rate prevailing in the average county of the State.

The sheet on which the calculation is made is included so that those interested may study it.

CALCULATION OF EQUALIZATION FUND FOR 1924-1925

.....County

EXPENDITURES FOR CURRENT EXPENSES

Annual Payroll:
White high schools.....$.....
White elementary schools .....
Colored schools ....
Total.....$.....

Decreases for excess teachers or excess salaries:
White high schools..... .....
White elementary schools .....
Colored schools ....
Total decreases.....$.....

Increases:
White high schools..... .....
White elementary schools .....
Colored schools ....
Total increases.....$.....
Total increase or decrease .....
Grand total.....$.....

$..... ÷.76 = ...

One-half transportation in elementary schools ....
Total budget required.. .....

Receipts from State and County ....

Difference between amount required and amount available, Equalization Fund... .....

APPROPRIATIONS

State aid to high schools.$.....
Text-book fund ....
Materials of instruction fund..... .....
Colored industrial fund.. .....
Census and attendance fund..... .....

Part-Payment of Salaries:
Superintendent ....
Supervising teacher..... .....
Supervising or helping teacher ....
Attendance officer ....
Total from State.....$.....

County tax levy at 67c. on $..... ....
Total from State and County levy of 67c...$.....

* * * * *

State Appropriation including Equalization Fund.....$.....
County appropriation ....
Total required.....$.....

* * * * *

Salary budget .....$.....
Other current expenses..... .....
Total required.....$.....

School	District	Number in Excess or Needed	School	District	Number in Excess or Needed

SCHOOLS HAVING EXCESS TEACHERS

.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

SCHOOLS NEEDING ADDITIONAL TEACHERS

.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

HOW THE EDUCATION BUDGET IS SPENT

In 1923 nearly 74 cents out of each school maintenance tax dollar in the average county were devoted to salaries of teachers, nearly eight cents to cleaning and heating buildings; seven cents to books and supplies, supervision and other costs of instruction; nearly four cents

CHART QQ

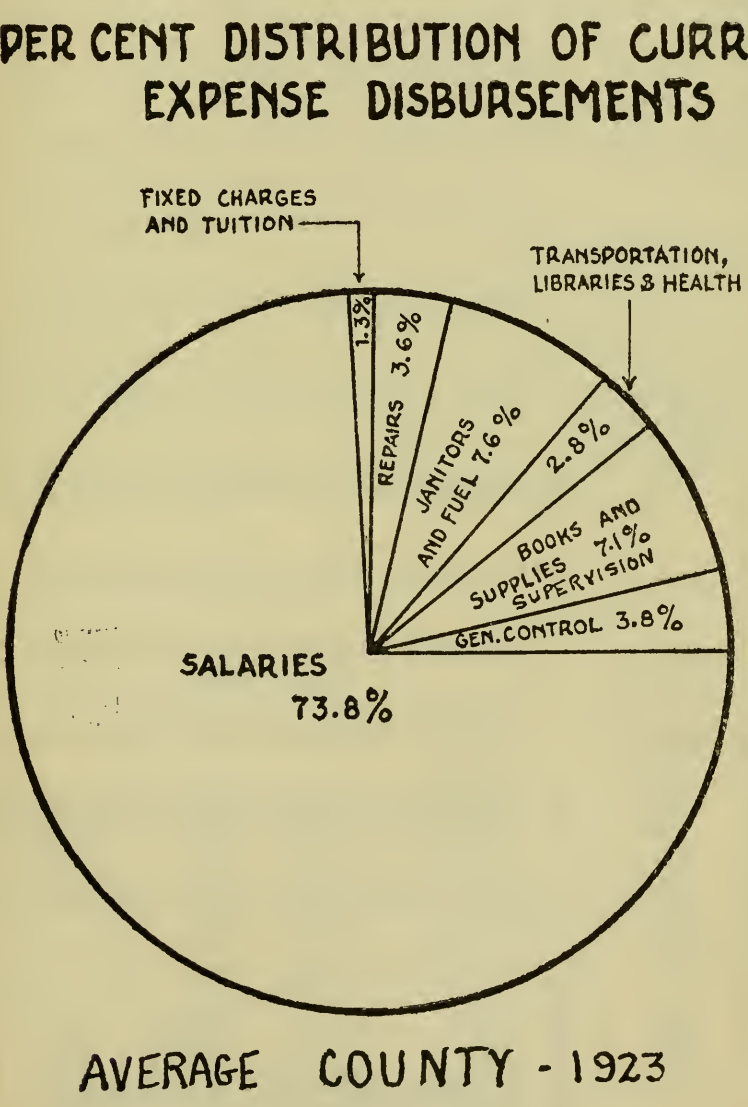


TABLE 54.

DISTRIBUTION IN PER CENT OF EXPENDITURES FOR CURRENT EXPENSES OF SCHOOLS FOR YEAR ENDING JULY 31, 1923.

RANK OF EACH COUNTY IN PER CENT DEVOTED TO VARIOUS PURPOSES FOR YEAR ENDING JULY 31, 1923.

COUNTY	General Control	Salaries of Teachers	Other Costs of Instruction	Operation	Maintenance	Auxiliary Agencies	Fixed Charges and Tuition to Adjoining Counties	General Control	Salaries of Teachers	Other Costs of Instruction	Operation	Maintenance	Auxiliary Agencies	Fixed Charges and Tuition to Adjoining Counties
County Average	3.8	73.8	7.1	7.6	3.6	2.8	1.3	-----	-----	-----	-----	-----	-----	-------
Allegany	2.9	79.7	5.5	7.9	.9	1.8	1.3	20	4	20	10	23	12	9
Anne Arundel	3.6	69.7	6.7	9.5	3.1	6.2	1.2	18	21	16	3	10	2	11
Baltimore	2.8	72.2	5.9	7.3	4.4	4.4	3.0	21	15	19	13	5	5	2
Calvert	7.8	75.3	7.8	3.9	3.1	1.7	.4	2	7	8	22	11	13	19
Caroline	4.1	70.6	7.6	9.7	3.1	3.7	1.2	13	20	13	2	12	7	12
Carroll	4.4	72.6	7.6	9.2	3.9	1.2	1.1	11	14	12	4	8	16	13
Cecil	3.8	80.1	6.2	6.6	1.4	1.5	.4	15	2	18	16	21	14	20
Charles	5.2	75.5	12.0	4.0	1.1	.6	1.6	5	6	1	21	22	21	1
Dorchester	4.3	71.7	7.5	6.4	5.2	3.2	1.7	12	16	14	17	4	9	5
Frederick	2.5	75.8	8.1	8.1	2.6	1.4	1.5	23	5	7	7	16	15	8
Garrett	5.4	70.8	8.4	5.2	8.4	.2	1.6	4	19	5	20	2	23	6
Harford	3.7	79.8	5.0	7.5	2.7	.6	.7	17	3	22	11	14	18	17
Howard	4.4	73.9	8.9	6.3	2.3	.8	3.4	10	8	4	18	17	17	1
Kent	5.2	71.6	9.8	10.3	1.4	3.0	.7	6	17	10	1	20	10	16
Montgomery	4.9	66.1	7.6	8.0	6.6	6.0	.8	7	23	11	9	3	3	15
Prince George's	3.2	67.9	7.8	8.7	8.6	3.5	.3	19	22	9	5	1	8	21
Queen Anne's	4.7	73.8	6.6	6.6	2.5	3.9	1.9	8	9	17	15	15	6	3
St. Mary's	8.6	71.2	11.2	3.8	4.4	.6	.2	1	18	2	23	6	19	23
Somerset	6.0	73.7	9.5	5.9	3.1	.5	1.3	3	10	3	19	13	22	10
Talbot	4.7	73.2	1.4	8.1	3.7	7.1	1.8	9	13	23	6	9	1	4
Washington	2.6	81.3	5.5	7.4	1.6	.6	1.0	22	1	21	12	19	20	14
Wicomico	3.7	73.7	7.4	8.0	4.2	2.6	.4	16	11	15	8	7	11	18
Worcester	4.0	73.4	8.1	6.9	1.7	5.6	.3	14	2	6	14	18	4	22
Baltimore City	2.2	69.5	4.8	8.1	10.5	4.3	.6	----	-----	-----	-----	-----	-----	-------
State Average	2.9	71.4	5.9	7.9	7.3	3.6	1.0	-----	-----	-----	-----	-----	-----	-------

to general control; just over three and a half cents to repairs; nearly three cents to transportation, libraries, health and community activities; and just over one cent for fixed charges and tuition to adjoining counties. (See Chart QQ.)

The decrease in the per cent devoted to teachers' salaries under the preceding year (2.6 cents) is probably due chiefly to the requirement that a county receiving the Equalization Fund must devote at least 24 per cent of its current expense budget to purposes other than teachers' salaries. The poorer counties have, in the past, used a very large proportion of their budgets to pay teachers' salaries, and a very small amount to keep buildings repaired, sanitary and well heated, to supply adequate tools for the teachers' work. With the acquisition of a better trained teaching staff, wider use can be made of the aids to instruction, such as supervision, books and materials.

The proportion devoted to the various purposes by each county is given in the first half of Table 54. In the latter half of the table the rank of each county in the proportion devoted to the various purposes is given, the county using the largest proportion for each purpose being placed first. This does not necessarily mean that the county spending the largest proportion is to be most highly commended. For example, the fact that Washington, Cecil, Harford, Allegany, and Frederick use such a large part of their budgets for teachers' salaries means that they rank very low in the proportion spent on other necessities for instruction, and that, after paying teachers' salaries, little was left to give the teachers the necessary aids to instruction.

TABLE 55.

Cost Per Pupil for General Control for Year Ending July 31, 1923.

COUNTY	Cost for General Control per Pupil Belonging	Attending	COUNTY	Cost for General Control per Pupil Belonging	Attending
County Average..	$1.63	$1.96	Charles	$1.61	$2.15
			Caroline	1.60	1.89
Kent	2.56	3.11	Worcester	1.56	1.87
Montgomery	2.38	2.89	Baltimore	1.55	1.85
Garrett	2.38	2.81	Harford	1.52	1.80
St. Mary's.....	2.30	3.28	Allegany	1.49	1.66
Calvert	2.25	3.07	Wicomico	1.43	1.64
Queen Anne's....	2.21	2.67	Anne Arundel....	1.40	1.73
Talbot	2.10	2.44	Prince George's...	1.32	1.59
Carroll	2.05	2.56	Frederick	1.09	1.28
Cecil	1.89	2.24	Washington	.97	1.13
Somerset	1.78	2.15			
Howard	1.69	2.08	Baltimore City....	1.57	1.75
Dorchester	1.64	2.05			
			Maryland	1.60	1.87

It Costs $1.63 Per Pupil to Run the Educational System

In the average county the cost per pupil for the administration of schools by the county boards and superintendents and for the enforcement of the compulsory attendance law was $1.63 per pupil belonging. The costs varied from 97 cents in Washington County to $2.56 in Kent. The increase over 1922 is explained by the increases in the salaries of superintendents and attendance officers, effective September, 1922; greater expenditures for necessary office expenses; the employment of a supervisor of school property in Montgomery County and an assistant attendance officer in Baltimore County; and large increases in "other costs of control." (See page 249.)

The item for "Other Costs of Control" is becoming so large that it would probably be wise to include items which will make possible a segregation, under more definite classifications, of items now grouped under that title.

Transportation of Pupils

Expenditures by the counties for transportation of pupils in 1923 increased more than 47 per cent over those of 1922. The total spent in 1923 was $132,591 as compared with $90,000 during the previous year. Twenty of the twenty-three counties now transport at public expense children living long distances from school, Dorchester and Howard counties having started this service in 1923. The different counties use various systems of transportation, some giving pupils train, car, and bus fare, to be used on public conveyances; others providing busses owned or leased by the county. Garrett, St. Mary's, and Somerset counties are the only ones spending nothing for this purpose during the year ending in July, 1923.

Of the amount spent in 1923, $104,091 was used to transport 3,491 white elementary pupils and $28,500 for 843 white high school pupils. Six counties, Calvert, Carroll, Cecil, Charles, Harford, and Howard, which give county aid toward transportation of elementary school pupils give no help to high school pupils. Worcester, Allegany, Talbot, and Queen Anne's counties are spending $3,000 or more on transportation to high schools.

The average cost for each elementary pupil transported was $29.80 and for each high school pupil $33.80. There is a great variation in cost among the counties, because of the differences in the kinds of transportation provided and the distances pupils are carried. The annual cost per pupil varies from $19.74 in the elementary and $21.10 in the high schools of Anne Arundel to $75.37 and $73.15 in the respective types of schools of Allegany County. (See Table 56.)

TABLE 56.

NUMBER OF CHILDREN TRANSPORTED AND DISBURSEMENTS FOR TRANSPORTATION IN MARYLAND COUNTIES, 1922-23.

COUNTY	Total Expenditures Transportation of Pupils	ELEMENTARY SCHOOLS			HIGH SCHOOLS		
		Disbursement for Transportation of Elementary School Pupils	No. Transported	Cost per Pupil Transported at Public Expense	Disbursement for Transportation of High School Pupils	No. Transported	Cost per Pupil Transported at Public Expense
Total	$132,591.15	$104,090.79	3,491	$29.80	$28,500.36	843	$33.80
Allegany	6,908.01	3,616.04	48	75.37	3,291.97	45	73.15
Anne Arundel	14,830.80	14,345.55	726	19.74	485.25	23	21.10
Baltimore	27,595.37	24,720.37	773	31.99	2,875.00	107	26.87
Calvert	1,038.00	1,038.00	33	31.45			
Caroline	5,501.51	4,459.00	190	23.47	1,042.51	44	23.69
Carroll	2,030.47	2,030.47	69	29.42			
Cecil	2,165.18	2,165.18	66	32.80			
Charles	525.00	525.00	13	40.38			
Dorchester	6,428.02	4,682.05	147	31.86	1,745.97	77	22.68
Frederick	4,210.06	2,792.53	89	31.38	1,417.53	48	29.51
Garrett							
Harford	427.90	427.90	10	42.79			
Howard	600.00	600.00	20	30.00		1	
Kent	3,848.50	2,499.00	70	35.70	1,349.50	34	39.68
Montgomery	15,156.66	13,512.08	304	44.43	1,644.58	37	44.41
Prince George's	10,124.47	7,628.44	341	22.38	2,496.03	55	45.35
Queen Anne's	4,900.00	1,900.00	35	54.23	3,000.00	90	33.33
St. Mary's							
Somerset							
Talbot	10,793.10	7,790.46	260	29.97	3,002.64	83	36.18
Washington	2,274.52	1,826.52	53	34.48	448.00	13	34.47
Wicomico	3,453.57	1,439.28	46	31.28	2,014.29	60	33.57
Worcester	9,780.01	6,092.92	198	30.78	3,687.09	126	29.26

The children are transported to 128 white elementary and 45 white high schools of the State. Two-thirds of the schools to which elementary pupils were transported were the larger graded schools. In many counties better instruction could be provided for children by abandoning some one-teacher schools and transporting children to consolidated graded schools. The transportation cost probably approximates the amount saved in teachers' salaries, fuel, and cleaning and repairing the schools closed. In the 23 counties transportation is provided to only 12 one-teacher schools and to 31 two-teacher elementary schools. (See Table 57.)

Thirty-five white schools were closed by consolidation in 1923 in order that the children might be taught in larger groups. Dorchester, with 10 schools closed for this reason, went farthest in that direction this year and such consolidations are chiefly responsible for the need of transportation funds for the current year. Anne Arundel and Caroline came next, with 4 schools closed by consolidation, and Talbot followed with 3. (See last columns of Table VIII, page 215.)

TABLE 57.

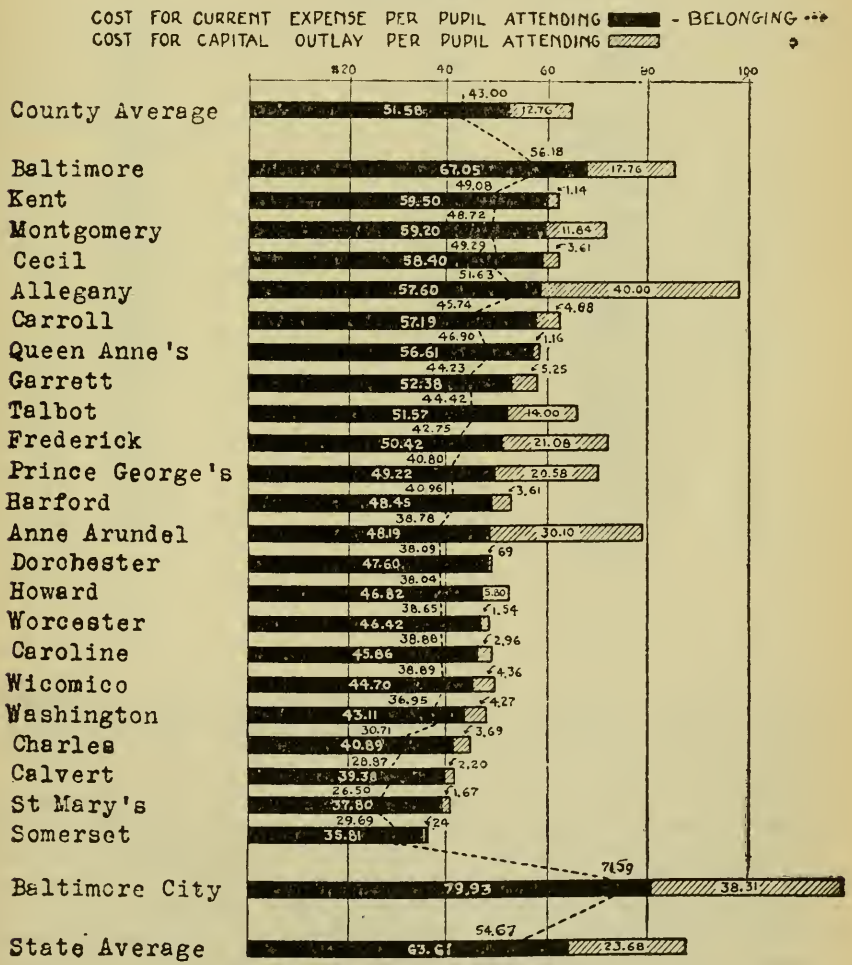
NUMBER OF SCHOOLS TO WHICH TRANSPORTATION IS PROVIDED.

COUNTY	One-Teacher	Two-Teacher	Graded	Total Elem.	High
Allegany	..	1	4	5	2
Anne Arundel	..	..	9	9	1
Baltimore	..	8	11	19	3
Calvert	2	1	..	3	..
Caroline	2	1	7	10	6
Carroll	1	3	..	4	..
Cecil	1	8	7	16	..
Charles	2	..	..	2	..
Dorchester	1	1	6	8	6
Frederick	2	..	4	6	2
Garrett	..	..	..	..	..
Harford	..	..	1	1	..
Howard	..	1	..	1	1
Kent	..	..	6	6	4
Montgomery	..	..	8	8	2
Prince George's	..	1	5	6	2
Queen Anne's	..	2	2	4	3
St. Mary's	..	..	..	..	..
Somerset	..	..	..	..	..
Talbot	..	1	7	8	5
Washington	..	1	3	4	2
Wicomico	..	2	1	3	2
Worcester	1	..	4	5	4
	12	31	85	128	45

COST PER PUPIL

While the cost for current school expense in the average county was $43 per pupil belonging, it ranged all the way from $26.50 in St. Mary's to over twice as much, $56.18, in Baltimore County, which has the best trained and best paid teaching staff among the counties in the State. The counties are arranged in the following table in the order of their average expenditure for each pupil belonging* to the school. (See dotted line on Chart RR.)

CHART RR



*A pupil belongs to the school between the date of his first entrance and his permanent withdrawal from school for legal cause.

TABLE 58.

COST PER PUPIL BELONGING FOR SCHOOL CURRENT EXPENSES, 1923.

COUNTY	Expenditure per Pupil Belonging for Current School Expenses 1923
County Average	$43.00
Baltimore	56.18
Allegany	51.63
Cecil	49.29
Kent	49.08
Montgomery	48.72
Queen Anne's	46.90
Carroll	45.74
Talbot	44.42
Garrett	44.23
Frederick	42.75
Harford	40.96
Prince George's	40.80
Wicomico	38.89
Caroline	38.88
Anne Arundel	38.78
Worcester	38.65
Dorchester	38.09
Howard	38.04
Washington	36.95
Charles	30.71
Somerset	29.69
Calvert	28.87
St. Mary's	26.50
Baltimore City	71.59
State Average	54.67

Comparative figures for 1922 on this same basis are not available, as the average number of pupils belonging to the school was compiled for the first time during 1922-23.

Because of sickness, quarantine, unfortunate home conditions, and other causes, all the pupils enrolled do not attend every day. Part of the additional $8.50 which it costs when average attendance is used as the basis for figuring cost per pupil is money wasted if parents are not co-operating in keeping children in school when the causes of absence are avoidable. Not all of the difference in cost could be saved, however, since, if every pupil attended every day, more teachers would be needed in certain schools, especially in the graded schools. Com-

parative per pupil costs for 1922 and 1923, based on attendance, are given below. The figures for 1923 are shown on the black bars of Chart RR.

TABLE 59.

COST PER PUPIL ATTENDING
1922 AND 1923.

County	Cost Per Pupil Attending 1922	1923	Increased Cost Per Pupil
County Average	$46.33	$51.58	$5.25
Baltimore	65.42	67.05	1.63
Kent*	51.93	59.50	*7.57
Montgomery	57.29	59.20	1.91
Cecil*	52.96	58.40	*5.44
Allegany	56.18	57.60	1.42
Carroll	46.83	57.19	10.36
Queen Anne's*	52.58	56.61	*4.03
Garrett*	37.97	52.38	*14.41
Talbot	39.51	51.57	12.06
Frederick*	45.93	50.42	*4.49
Prince George's*	40.34	49.22	*8.88
Harford	46.70	48.45	1.75
Anne Arundel*	43.81	48.19	*4.38
Dorchester*	36.94	47.60	*10.66
Howard	42.75	46.82	4.07
Worcester*	46.30	46.42	* .12
Caroline*	41.15	45.86	*4.71
Wicomico*	37.39	44.70	*7.31
Washington	39.07	43.11	4.04
Charles*	34.73	40.89	*6.16
Calvert*	34.85	39.38	*4.53
St. Mary's*	31.26	37.80	*6.54
Somerset*	29.66	35.81	*6.15
Baltimore City	78.00	79.93	1.93
State Average	60.00	63.61	3.61

*Counties which share in the Equalization Fund.

The increase in expenditure over last year of $5.25 per pupil in average attendance in the counties was made necessary chiefly by the 1922 legislation. It will be noted that Baltimore, Montgomery, and Allegany counties, which were already paying salaries above the new minimum schedule enacted by the Legislature of 1922, show increases of less than $2.00 per pupil. Worcester County increased its expenditure per pupil very little. The Equalization Fund in that county was used entirely for the purpose of decreasing the county school tax rate, which had been the highest in the State, to 69 cents, close to the very minimum allowed by the law. (See Table 77, page 163.)

Each one of the eleven counties which spent less than $42 per pupil in average attendance in 1922 increased the expenditure by from $4.00 to $14.41 per pupil in carrying out the provisions of the new law. This money was used to replace with first grade teachers many teachers who held provisional third grade certificates; to supply a more nearly adequate number of books and materials of instruction; to lengthen the term in colored schools; to provide supervision; to provide better furniture and to replace outworn equipment, such as desks, maps, charts, globes, etc. With the exception of Worcester County, which increased costs only 12 cents, the fifteen counties sharing in the Equalization Fund show increased expenditures of from $4.03 to $14.41 per pupil attending.

HOW MUCH MONEY GOES INTO WHITE ELEMENTARY, HIGH AND COLORED SCHOOLS?

TABLE 60.

EXPENDITURES EXCLUSIVE OF GENERAL CONTROL FOR MARYLAND ELEMENTARY AND HIGH SCHOOLS

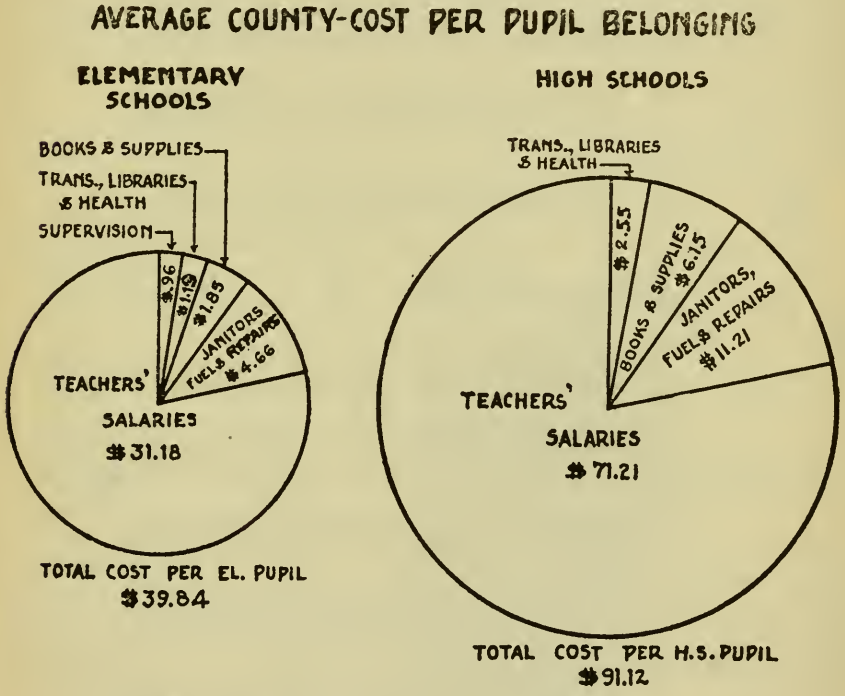
Year Ending July 31, 1923

TYPE OF SCHOOL	Current Expense		Capital Outlay		Total Amount
	Amount	Per Cent	Amount	Per Cent	
Counties of Maryland.					
White Elementary	$3,874,044	68.8	$803,615	55.6	$4,677,659
White High	1,262,283	22.4	521,428	36.1	1,783,711
Colored	496,765	8.8	119,518	8.3	616,283
Total	$5,633,092	100.0	$1,444,561	100.0	$7,077,653
Baltimore City.					
White Elementary*	$4,195,020	68.7	$2,238,546	66.7	$6,433,566
White High	962,261	15.8	883,482	26.3	1,845,743
Colored	949,252	15.5	234,267	7.0	1,183,519
Total	$6,106,533	100.0	$3,356,295	100.0	$9,462,828
Entire State.					
White Elementary*	$8,069,064	68.7	$3,042,161	63.4	$11,111,225
White High	2,224,544	19.0	1,404,919	29.2	3,629,454
Colored	1,446,017	12.3	353,785	7.4	1,799,802
Total	$11,739,625	100.0	$4,800,856	100.0	$16,540,481

* Including Junior High and Vocational Schools.

Excluding general control costs, the total amounts spent for running expenses and building costs in elementary, high, and colored schools are shown in Table 60 for the counties of Maryland, Baltimore City, and the entire State, together with the per cent of expenditures devoted to these types of schools. Nearly 69 per cent of the funds were used for white elementary schools in the counties and city. About three-fourths of the remainder were used for white high schools in the counties and the remaining fourth for colored schools. In Baltimore City nearly as much was spent for colored schools as for white high schools.

CHART SS



YEAR ENDING JULY 31, 1923

Comparative Costs In High and Elementary Schools

Although the average cost of maintaining the county schools was only $43 per pupil, the cost of education in white high schools was $91.12 per pupil belonging, in white elementary schools $39.84, and in colored elementary schools $17.08. Comparable figures for Baltimore City are $122.05 in white high schools, $87.21 in junior high schools, $58.56 in white elementary, and $57.52 in colored elementary schools. (See Table 61 and Chart SS.)

TABLE 61.

COST PER PUPIL FOR CURRENT EXPENSE FOR YEAR ENDING JULY 31, 1923.

COUNTY	COST PER PUPIL BELONGING IN WHITE ELEMENTARY SCHOOLS					COLORED SCHOOLS		COST PER PUPIL ATTENDING IN WHITE ELEMENTARY SCHOOLS					COLORED SCHOOLS	
	White High Schools†	One Teacher†	Two Teachers†	Graded†	All*	Elementary*	High*	White High Schools†	One Teacher†	Two Teachers†	Graded†	All*	Elementary*	High*
County Average	$91.12	$38.13	$41.17	$38.23	$39.84	$17.08	$77.38	$99.26	$47.97	$50.02	$43.82	$47.30	$22.44	$86.62
Allegany	87.20	53.93	47.10	40.80	43.25	36.88	193.00	91.96	67.40	53.83	45.12	48.58	42.12	206.31
Anne Arundel	84.50	46.80	48.20	39.30	42.79	15.70	100.99	91.74	59.82	58.53	45.40	50.59	22.03	113.80
Baltimore	101.00	55.28	54.80	44.59	49.45	36.51	------	110.66	67.70	67.28	52.40	58.82	48.37	------
Calvert	61.07	38.11	45.71	----	41.71	9.86	------	65.35	48.21	54.50	------	52.19	15.10	------
Caroline	84.45	34.72	36.03	30.59	34.32	15.61	94.95	92.62	40.74	41.75	35.00	39.66	20.43	110.40
Carroll	111.15	30.68	33.68	36.49	34.42	23.81	------	127.72	39.90	42.62	44.02	43.40	33.09	------
Cecil	102.98	45.52	41.50	36.68	41.59	31.20	------	112.08	55.58	48.19	42.23	49.00	41.89	------
Charles	86.63	39.00	32.40	43.58	39.52	12.29	91.18	97.50	51.80	39.34	48.89	49.70	17.69	102.97
Dorchester	87.08	35.10	36.09	34.50	37.55	15.01	53.39	94.19	46.00	46.81	39.62	46.24	20.48	61.04
Frederick	81.33	35.59	35.90	35.65	36.76	22.09	46.27	88.89	44.90	44.25	40.79	44.00	26.01	51.14
Garrett	89.01	34.51	30.63	41.20	36.94	------	------	98.70	42.32	35.92	46.51	43.97	------	------
Harford	91.91	34.83	32.62	33.70	34.61	21.40	------	100.81	42.80	38.35	38.73	40.98	26.76	------
Howard	88.94	35.30	35.38	33.10	36.12	13.87	------	98.87	42.20	44.25	38.41	42.96	19.54	------
Kent	132.16	53.01	42.89	45.80	48.94	17.05	91.00	146.47	63.27	50.98	51.48	56.42	23.21	105.00
Montgomery	97.38	46.58	48.70	51.59	51.72	14.73	------	105.47	61.12	60.28	60.29	63.17	18.23	------
Prince George's	99.19	40.67	42.52	40.00	40.95	17.11	------	107.91	50.61	51.08	46.39	48.37	22.40	------
Queen Anne's	109.54	44.70	47.00	40.43	44.68	14.32	------	119.14	55.07	53.82	45.15	52.31	19.48	------
St. Mary's	82.26	28.30	29.61	26.00	30.05	13.59	------	94.71	38.84	37.48	36.10	40.30	21.60	------
Somerset	78.74	31.49	31.89	30.30	31.53	11.87	------	86.04	39.02	39.71	35.12	37.80	14.77	------
Talbot	99.89	42.85	52.83	41.55	44.90	16.08	83.00	107.14	50.55	64.02	47.65	52.30	18.96	95.10
Washington	66.46	34.58	36.04	29.76	32.00	25.70	------	71.36	44.60	44.60	38.80	37.72	31.49	------
Wicomico	81.80	33.65	45.00	32.28	35.67	14.95	48.45	88.60	40.90	52.82	36.12	41.23	17.59	53.50
Worcester	111.23	35.80	29.87	35.90	36.18	12.89	------	121.20	46.29	37.52	40.82	43.35	16.10	------
					‡§58.56							‡§65.33		
Baltimore City	‡122.05	------	------	------	‡¶87.21	‡57.52	‡ 99.40	‡133.47	------	------	------	‡¶95.75	‡65.27	‡ 112.01
State Average	102.25	------	------	------	49.69	30.68	94.35	111.44	------	------	------	57.35	38.35	106.15

*Includes cost of supervision.
†Excludes cost of supervision.
‡Excludes Evening Schools and medicaal inspection and follow up in Baltimore City.
§Elementary.
¶Junior High.

WHITE HIGH SCHOOL COSTS

The white county high schools, which added 15 to their number in 1923 and increased nearly 2,200 pupils in enrollment, cost $200,000 more to operate than the previous year. Because of the amendments to the law passed by the Legislature of 1922 increasing State aid to high schools, the counties received $144,000 more aid from the High School Fund and the Vocational Fund than was received the previous year.

Over $500,000 was spent for capital outlay for white high schools in 1923, an increase of $175,000 over expenditures of the previous year. (See Table XXXII, page 253.)

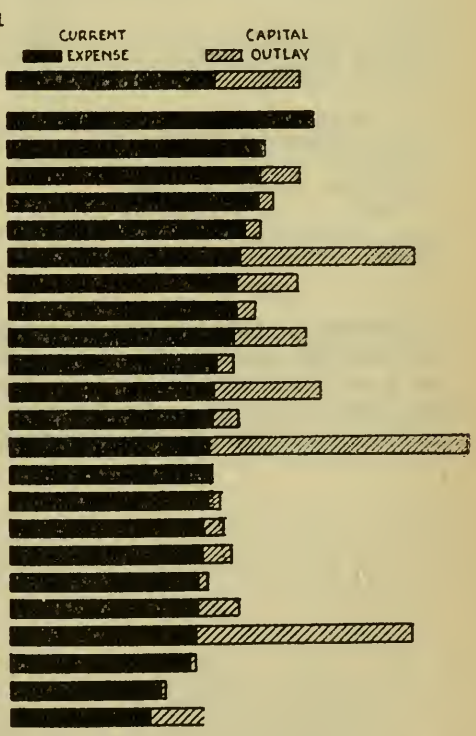
The total expenditures mean little unless we know how many pupils they provided for and what the cost for each one was.

CHART TT

Cost Per White High School Pupil Belonging

For Year Ending July 31, 1923

Counties	Current Expense	Capital Outlay
County Average	$91.12	$37.61
Kent	132.16	1.80
Worcester	111.23	.27
Carroll	111.00	17.44
Queen Anne's	109.54	6.25
Cecil	102.98	7.30
Baltimore	101.00	73.55
Talbot	99.89	26.31
Prince George's	99.19	8.57
Montgomery	97.38	32.36
Harford	91.91	6.57
Garrett	89.01	47.38
Howard	88.94	11.26
Allegany	87.20	114.66
Dorchester	87.08	.28
Charles	86.63	5.21
Anne Arundel	84.50	9.43
Caroline	84.45	12.31
St. Mary's	82.26	3.20
Wicomico	81.80	18.54
Frederick	81.33	95.58
Somerset	78.74	1.54
Washington	66.46	1.69
Calvert	61.07	25.09



How Money Is Spent for Each White High School Pupil.

In the average county $71.21 of the $91.12 spent annually on each white high school pupil belonging goes to pay the salaries of principals and teachers. Books, supplies, and other costs of instruction amount to $6.15 a pupil (an average expenditure per subject taken of $1.50); heating, cleaning and repairing buildings cost $11.21 for each pupil; transportation, library and health service, $2.55. (See Chart SS.) Comparable figures for 1922 on the basis of the average number belonging are not available. For cost per pupil in individual high schools, see pages 232-237.

With average attendance as the basis for comparison the cost has increased only slightly.

TABLE 62.

COST PER PUPIL ATTENDING WHITE HIGH SCHOOLS, 1922-1923

Purpose	1922	1923	Increase	Decrease
Salaries	$76.85	$77.59	$ .74	.....
Books and Supplies	6.34	6.69	.35	.....
Operation and Maintenance	9.82	12.21	2.39	.....
Auxiliary Agencies	3.32	2.77	.....	$ .55
Total Current Expenses	$96.33	$99.26	$2.93	.....
Paid by State and Vocational Fund	17.79	26.06	8.27	.....
Paid from County or Other Funds	78.54	73.20	.....	5.34
Capital Outlay	31.35	41.00	9.65	.....

Through the 1922 legislation increasing State aid to high schools and the increased appropriation for the Vocational Fund, the salary cost per white high school pupil from county or other funds is $5.34 less than it was last year, and the amount paid from State high school aid and vocational funds $8.27 greater for each pupil.

COST PER PUPIL IN WHITE HIGH SCHOOLS FOR YEAR ENDING JULY 31, 1923

COUNTY	Cost per Pupil Belonging for						Cost per Pupil Attending for					
	Salaries	Other Instruction	Operation and Maintenance	Auxiliary Agencies	Total Current Expense	Capital Outlay	Salaries	Other Instruction	Operation and Maintenance	Auxiliary Agencies	Total Current Expense	Capital Outlay
County Average	$71.21	$6.15	$11.21	$2.55	$91.12	$37.65	$77.59	$6.69	$12.21	$2.77	$99.26	$41.00
Allegany	70.51	6.01	8.61	2.07	87.20	114.66	74.38	6.32	9.07	2.19	91.96	120.88
Anne Arundel	66.33	3.44	13.25	1.48	84.50	9.43	71.99	3.73	14.38	1.64	91.74	10.24
Baltimore	76.43	7.38	11.98	5.21	101.00	73.55	83.74	8.08	13.13	5.71	110.66	80.59
Calvert	46.90	5.70	8.47	-------	61.07	25.09	50.19	6.09	9.07	-------	65.35	26.82
Caroline	66.00	5.78	10.38	2.29	84.45	12.31	72.40	6.32	11.38	2.52	92.62	13.50
Carroll	85.30	5.56	21.91	.38	113.15	17.76	96.21	6.36	24.72	.43	127.72	20.08
Cecil	86.90	6.67	8.50	.91	102.98	7.30	94.59	7.26	9.25	.98	112.08	7.94
Charles	69.20	11.10	6.33	-------	86.63	5.21	78.01	12.40	7.09	-------	97.50	5.86
Dorchester	65.26	6.43	11.83	3.56	87.08	.28	70.59	6.97	12.79	3.84	94.19	.30
Frederick	66.15	6.27	7.30	1.61	81.33	95.58	72.30	6.86	7.98	1.75	88.89	104.52
Garrett	71.77	5.76	11.29	.19	89.01	47.38	79.58	6.38	12.52	.22	98.70	52.50
Harford	78.15	3.95	9.68	.13	91.91	6.57	85.70	4.34	10.63	.14	100.81	7.19
Howard	74.68	6.51	7.49	.26	88.94	11.26	82.99	7.25	8.34	.29	98.87	12.53
Kent	103.28	9.58	14.09	5.21	132.16	1.80	114.48	10.62	15.60	5.77	146.47	2.00
Montgomery	74.46	8.56	14.27	.09	97.38	32.36	80.65	9.28	15.45	.09	105.47	35.05
Prince George's	71.23	8.07	16.40	3.49	99.19	8.57	77.50	8.78	17.83	3.80	107.91	9.32
Queen Anne's	82.78	4.84	13.87	8.05	109.54	6.25	90.03	5.27	15.08	8.76	119.14	6.79
St. Mary's	71.05	9.19	2.02	-------	82.26	3.20	81.81	10.57	2.33	-------	94.71	3.69
Somerset	61.98	7.26	9.23	.27	78.74	1.54	67.72	7.94	10.08	.30	86.04	1.68
Talbot	76.72	6.34	9.31	7.52	99.89	26.31	82.28	6.79	9.99	8.08	107.14	28.25
Washington	52.50	3.67	10.21	.08	66.46	1.69	56.37	3.94	10.96	.09	71.36	1.82
Wicomico	60.03	5.41	12.22	4.14	81.80	18.54	65.00	5.86	13.25	4.49	88.60	20.10
Worcester	88.19	7.16	8.85	7.03	111.23	.27	96.10	7.79	9.65	7.66	121.20	.30
Baltimore City *	86.60	9.03	‡24.95	††1.57	‡122.15	114.45	94.61	9.87	‡27.28	††1.71	‡133.47	125.00
State Average	76.78	7.18	16.13	†2.20	102.29	65.10	83.65	7.82	17.58	†2.39	111.44	70.95

*Senior High Schools only.
†Exclusive of Evening Schools.
‡Estimated.

TABLE 64.

RANK IN COST PER HIGH SCHOOL PUPIL FOR EACH ITEM OF EXPENSE BASED ON

COUNTY	AVERAGE NUMBER BELONGING						AVERAGE NUMBER ATTENDING					
	Salaries	Other Instruction	Operation and Maintenance	Auxiliary Agencies	Total Current Expense	Capital Outlay	Salaries	Other Instruction	Operation and Maintenance	Auxiliary Agencies	Total Current Expense	Capital Outlay
Allegany	14	14	17	10	13	1	15	15	18	10	17	1
Anne Arundel	16	23	6	12	16	12	18	23	6	12	18	12
Baltimore	8	6	8	4	6	3	7	6	8	5	6	3
Calvert	23	17	19	--	23	7	23	18	18	--	23	7
Caroline	18	15	11	9	17	11	16	15	11	9	16	10
Carroll	4	18	1	14	2	9	2	17	1	14	2	9
Cecil	3	9	18	13	5	14	4	9	17	13	5	14
Charles	15	1	22	--	15	17	13	1	22	--	13	17
Dorchester	19	11	9	7	14	22	19	11	9	7	15	22
Frederick	17	13	21	11	20	2	17	12	21	11	19	2
Garrett	11	16	10	17	11	4	12	14	10	17	11	4
Harford	6	21	13	18	10	15	6	21	13	18	10	15
Howard	9	10	20	16	12	11	8	10	20	16	12	11
Kent	1	2	4	4	1	19	1	2	3	4	1	19
Montgomery	10	4	3	19	9	5	11	4	4	19	9	5
Prince George's	12	5	2	8	8	13	14	5	2	8	7	13
Queen Anne's	5	20	5	1	4	16	5	20	5	1	4	16
St. Mary's	13	3	23	--	18	18	10	3	23	--	14	18
Somerset	20	7	15	15	21	21	20	7	14	15	21	21
Talbot	7	12	14	2	7	6	9	13	15	2	8	6
Washington	22	22	12	20	22	20	22	22	12	19	22	20
Wicomico	21	19	2	6	19	8	21	19	7	6	20	8
Worcester	2	8	16	3	3	23	3	8	16	3	3	23

Cost Per Pupil In High School

The cost per pupil belonging to and attending white high schools for the various factors mentioned, which make up the total cost for 1923, is available for each county in Table 63, and the rank of each county in expenditure for each of these items of expense is given in Table 64.

Not only is the cost by counties given, but in the appendix the cost per pupil in each high school is included. (See pages 232 to 237.)

In Chart TT the cost per white high school pupil belonging in each county for current expense in 1923 is shown to be $91.12 in the average county, and the range is from $61.07 in Calvert to twice as much, $132.16, in Kent. Comparison with 1922 high school costs per pupil attending is possible, and it will be seen that six counties lowered their costs, while the remaining 17 increased them.

TABLE 65.

COMPARATIVE CURRENT EXPENSE COST PER PUPIL ATTENDING WHITE HIGH SCHOOLS, 1922 AND 1923.

County	Cost Per White High School Pupil 1922	1923	Decrease	County	Cost Per White High School Pupil 1922	1923	Increase
				Average County.	$96.33	$99.26	$2.93
Worcester	*$137.82	$121.20	$16.62	Kent	135.04	146.47	11.43
Queen Anne's.	134.27	119.14	15.13	Carroll	114.40	127.72	13.32
Baltimore	117.98	110.66	7.32	Cecil	102.59	112.08	9.49
Montgomery...	108.04	105.47	2.57	Harford	100.20	100.81	.61
Caroline	110.30	92.62	17.68	Talbot	98.99	107.14	8.15
Allegany	105.13	91.96	13.17	Prince George's.	93.38	107.91	14.53
				Howard	79.11	98.87	19.76
				Garrett	90.29	98.70	8.41
				Charles	88.54	97.50	8.96
				Dorchester	77.56	94.19	16.63
				Anne Arundel...	85.46	91.74	6.28
				Frederick	78.52	88.89	10.37
				Wicomico	70.40	88.60	18.20
				Somerset	68.57	86.04	17.47
				Washington	65.57	71.36	5.79
				Calvert	51.66	65.35	13.69

*The 1922 figure was reported as higher than it actually was.

The names of 21 individual high schools in which the total cost per pupil belonging is $115 or more, and the cost to the county for 1923 is $100 or more, are given here, together with the size of staff, average number belonging and the cost per pupil. It will be noted that 14 of these high schools have an average enrollment of 50 or less.

TABLE 66.

COUNTY HIGH SCHOOLS WHICH HAVE VERY HIGH COSTS PER PUPIL FOR 1923.

NAME OF SCHOOL	COUNTY	Group	Teaching Staff	Average Number Belonging	Cost per Pupil
Barton	Allegany	1	5	73	$135
Cumberland (Col.)	Allegany	1	4	93	194
Flintstone	Allegany	2	3.4	44	224
Mt. Savage	Allegany	2	2	27	148
Shadyside	Anne Arundel	3	1	14	201
Randallstown	Baltimore	1	4	76	144
Sparks	Baltimore	1	4	65	159
Shane	Baltimore	3	1	19	145
Charles Carroll	Carroll	2	2.9	29	173
Manchester	Carroll	3	1.6	15	229
Mechanicsville	Carroll	*	1	9	356
Chesapeake City	Cecil	1	4.8	55	138
Perryville	Cecil	1	3	32	142
Rock Hall	Kent	1	6	54	173
Betterton	Kent	2	3.2	20	258
Poolesville	Montgomery	1	3	49	143
Dickerson	Montgomery	3	1	14	152
Germantown	Montgomery	3	1	14	169
Brandywine	Prince George's	1	3.6	51	141
Boonsboro	Washington	1	3.4	48	158
Girdletree	Worcester	2	3	21	220

* Not Approved.

COST OF WHITE ELEMENTARY SCHOOLS

Of the $8,100,000 spent on Maryland white elementary schools in 1923, nearly $3,900,000 was used for the county schools and the remainder for Baltimore City schools.

The cost per pupil belonging in the average county was not quite $40 for current expenses, and for capital outlay $8.26. (See Chart SS, page 139, and Chart UU, page 148, and pages 254-257.)

TABLE 67.

COMPARATIVE COSTS IN RURAL AND GRADED SCHOOLS FOR ITEMS OF CURRENT SCHOOL EXPENSE

PURPOSE	Cost per Pupil Belonging				Cost per Pupil Attending			
	All Elem. Schools	Graded Schools	Two Teacher Schools	One Teacher Schools	All Elem. Schools	Graded Schools	Two Teacher Schools	One Teacher Schools
Supervision	$0.96	*	*	*	$1.14	*	*	*
Salaries	31.18	$29.79	$34.00	$32.14	37.01	$34.14	$41.31	$40.43
Other Costs of Instruction	1.85	1.80	1.81	1.86	2.20	2.07	2.20	2.34
Operation	3.13	3.63	2.75	2.39	3.72	4.17	3.33	3.01
Maintenance	1.53	1.40	1.74	1.58	1.81	1.61	2.12	1.99
Auxiliary Agencies	1.19	1.61	.87	.16	1.42	1.83	1.06	.20
Total Current Expense	$39.84	*$38.23	*$41.17	*$38.13	$47.30	*$43.82	*$50.02	*$47.97
Capital Outlay	8.26	12.87	5.45	1.05	9.80	14.76	6.62	1.32

* Excluding Supervision.

Higher costs per pupil in the rural schools, especially on the basis of attendance, obtain for the items of salaries of teachers and school maintenance. The higher salary cost per pupil in rural schools is explained by small classes and not by the superior training or higher salaries of teachers, for superior training and higher salaries are to be found in the graded rather than in the rural schools. (See pages 112, 119 and 79.)

The graded schools cost more for the item of operation than the rural schools, chiefly because janitorial service is not done by the teachers and fuel is not so easily and cheaply secured as it is for schools which are located near the woods.

The higher costs for auxiliary agencies in graded schools are due to transportation to consolidated schools, better health service, and more complete library equipment.

Even so, with all of the things that go to increase costs, such as better trained teachers and higher salaries, higher transportation charges, library and health service, the graded schools cost less to operate than the one- and two-teacher schools, chiefly because classes are larger.

TABLE 68.

COST PER PUPIL IN WHITE ELEMENTARY SCHOOLS, FOR THE MAIN SUB-DIVISIONS OF EXPENDITURE, EXCLUSIVE OF GENERAL CONTROL, FOR YEAR ENDING JULY 31, 1923

COUNTY	COST PER PUPIL BELONGING FOR								COST PER PUPIL ATTENDING FOR							
	Supervision	Salaries	Textbooks and Other Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expenses	Capital Outlay	Supervision	Salaries	Textbooks and Other Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expenses	Capital Outlay
County Average	$0.96	$31.18	$1.85	$3.13	$1.53	$1.19	$39.84	$8.26	$1.14	$37.01	$2.20	$3.72	$1.81	$1.42	$47.30	$9.80
Allegany	.46	36.46	1.94	3.60	.38	.41	43.25	22.62	.52	40.96	2.17	4.04	.43	.46	48.58	25.42
Anne Arundel	.91	31.05	1.82	4.48	1.18	3.35	42.79	35.20	1.09	36.69	2.15	5.30	1.40	3.96	50.59	41.60
Baltimore	1.33	37.95	1.55	3.87	2.43	2.32	49.45	7.47	1.59	45.13	1.84	4.61	2.89	2.76	58.82	8.90
Calvert	1.90	34.57	1.37	1.11	1.67	1.09	41.71	.12	2.38	43.25	1.71	1.39	2.09	1.37	52.19	.15
Caroline	1.53	25.22	1.11	3.54	1.13	1.79	34.32	1.38	1.78	29.11	1.29	4.10	1.31	2.07	39.66	1.60
Carroll	.85	27.45	2.05	2.91	.89	.27	34.42	1.56	1.07	34.60	2.59	3.67	1.12	.35	43.40	1.96
Cecil	.78	35.30	1.53	2.79	.55	.64	41.59	2.88	.93	41.60	1.77	3.30	.65	.75	49.00	3.40
Charles	1.91	33.25	1.92	1.64	.47	.33	39.52	2.00	2.40	41.82	2.41	2.06	.59	.42	49.70	2.52
Dorchester	1.03	29.06	1.47	2.36	2.11	1.52	37.55	.47	1.27	35.80	1.81	2.90	2.59	1.87	46.24	.58
Frederick	1.04	28.85	2.13	3.29	1.02	.43	36.76	5.18	1.25	34.52	2.54	3.95	1.22	.52	44.00	6.20
Garrett	1.57	27.80	1.93	1.97	3.61	.06	36.94	.65	1.86	33.10	2.30	2.34	4.30	.07	43.97	.77
Harford	.60	28.80	1.16	2.81	1.12	.12	34.61	1.41	.71	34.10	1.38	3.32	1.33	.14	40.98	1.66
Howard	1.62	28.48	2.15	2.47	.96	.44	36.12	4.38	1.93	33.88	2.55	2.94	1.14	.52	42.96	5.21
Kent	1.60	36.87	2.38	5.58	.78	1.73	48.94	1.38	1.85	42.50	2.74	6.43	.91	1.99	56.42	1.60
Montgomery	.62	35.13	3.19	4.42	3.89	4.47	51.72	1.07	.75	42.92	3.89	5.39	4.75	5.47	63.17	1.31
Prince George's	.39	28.50	2.86	3.97	3.87	1.36	40.95	20.85	.46	33.68	3.35	4.70	4.57	1.61	48.37	24.62
Queen Anne's	1.00	36.09	2.40	2.27	1.51	1.41	44.68	.32	1.17	42.25	2.81	2.66	1.77	1.65	52.31	.38
St. Mary's	1.48	23.94	1.82	1.18	1.62	.01	30.05	1.55	1.99	32.09	2.44	1.59	2.17	.02	40.30	2.08
Somerset	.60	25.29	2.53	1.76	1.26	.09	31.53	.04	.72	30.30	3.04	2.11	1.52	.11	37.80	.05
Talbot	.97	32.40	1.09	4.31	2.04	4.09	44.90	16.43	1.13	37.74	1.28	5.02	2.37	4.76	52.30	19.15
Washington	.50	27.58	1.17	2.14	.36	.25	32.00	4.03	.59	32.49	1.38	2.52	.43	.29	37.70	4.74
Wicomico	1.51	28.10	1.45	2.79	1.28	.54	35.67	1.01	1.74	32.48	1.68	3.22	1.48	.63	41.23	1.16
Worcester	1.14	27.25	2.15	2.57	.69	2.38	36.18	------	1.36	32.66	2.57	3.08	.83	2.85	43.35	------
Baltimore City:																
Elementary	.55	44.03	1.77	5.67	*5.92	†.62	58.56	*23.21	.61	49.12	1.98	6.32	*6.60	†.70	65.33	*25.89
Junior High	.34	63.98	5.22	4.60	*13.07	† —	87.21	*73.85	.38	70.23	5.74	5.06	*14.34	† —	95.75	*81.10
State Average	.80	37.89	2.06	4.19	3.83	†.92	49.69	17.46	.93	43.73	2.38	4.84	4.42	†1.05	57.35	20.15

TABLE 69.

RANK IN EXPENDITURE PER WHITE ELEMENTARY PUPIL FOR EACH ITEM OF EXPENSE BASED ON AVERAGE NUMBER BELONGING AND ATTENDING FOR YEAR ENDING JULY, 1923.

COUNTY	Supervision	Salaries	Textbooks and Other Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expenses	Capital Outlay	Supervision	Salaries	Textbooks and Other Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expenses	Capital Outlay
Allegany	22	3	10	7	22	16	6	2	22	8	13	8	22	16	10	2
Anne Arundel	15	10	13	2	12	3	7	1	15	10	14	3	12	3	7	1
Baltimore	9	1	15	6	4	5	2	5	9	1	15	6	4	5	2	5
Calvert	2	7	19	23	7	11	8	21	2	2	19	23	8	11	6	21
Caroline	6	22	22	8	13	6	20	15	7	23	22	7	14	6	21	14
Carroll	16	19	9	10	17	18	19	11	16	12	6	10	17	18	15	12
Cecil	17	5	16	12	20	12	9	9	17	7	18	12	20	12	9	9
Charles	1	8	12	21	21	17	11	10	1	6	11	21	21	17	8	10
Dorchester	12	11	17	16	5	8	12	19	11	11	16	16	5	8	12	19
Frederick	11	12	8	9	15	15	14	6	12	13	9	9	15	14	13	6
Garrett	5	17	11	19	3	22	13	18	5	17	12	19	3	22	14	18
Harford	19	13	21	11	14	20	18	13	20	14	20	11	13	20	19	13
Howard	3	15	6	15	16	14	16	7	4	15	8	15	16	14	17	7
Kent	4	2	5	1	18	7	3	14	6	4	5	1	18	7	3	14
Montgomery	18	6	1	3	1	1	1	16	18	3	1	2	1	1	1	16
Prince George's	23	14	2	5	2	10	10	3	23	16	2	5	2	10	11	3
Queen Anne's	13	4	4	17	9	9	5	20	13	5	4	17	9	9	4	20
St. Mary's	8	23	13	22	8	23	23	12	3	21	10	22	7	23	20	11
Somerset	19	21	3	20	11	21	22	22	19	22	3	20	10	21	23	22
Talbot	14	9	23	4	6	2	4	4	14	9	23	4	6	2	5	4
Washington	21	18	20	18	23	19	21	8	21	19	20	18	23	19	22	8
Wicomico	7	16	18	12	10	13	17	17	8	20	17	13	11	13	18	17
Worcester	10	20	6	14	19	4	15	—	10	18	7	14	19	4	16	—

Each county may study its own costs in Table 68 and find its ranking in the various items of expenditure in Table 69.

In addition to the cost per pupil belonging, the cost per pupil attending has been computed for each county, and also the cost for one-teacher, two-teacher, and graded schools, exclusive of the cost of supervision. In Table 61, page 140, showing these facts, the counties have been arranged alphabetically, so that any county can easily compare the costs in the various types of schools by looking across each row.

The two-teacher schools seem to be the most expensive type of elementary school and the graded schools the least expensive.

CHART UU

Cost Per White Elementary School Pupil Belonging

For Year Ending July 31, 1923

Counties	Current Expense	Capital Outlay
County Average	$39.84	$8.26
Montgomery	51.72	1.07
Baltimore	49.45	7.47
Kent	48.94	1.38
Talbot	44.90	16.43
Queen Anne's	44.68	.32
Allegany	43.25	22.62
Anne Arundel	42.79	35.20
Calvert	41.71	.12
Cecil	41.59	2.88
Prince George's	40.95	20.85
Charles	39.52	2.00
Dorchester	37.55	.47
Garrett	36.94	.65
Frederick	36.76	5.18
Worcester	36.18	-
Howard	36.12	4.38
Wicomico	35.67	1.01
Harford	34.61	1.41
Carroll	34.42	1.56
Caroline	34.32	1.38
Washington	32.00	4.03
Somerset	31.53	.04
St. Mary's	30.05	1.55

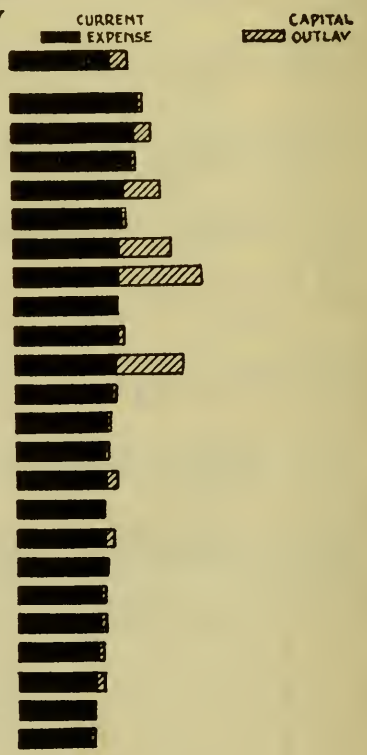


TABLE 70.

COMPARATIVE COSTS IN RURAL AND GRADED SCHOOLS.

	Average Cost Per Pupil. Belonging	Attending	Excess Cost Per Pupil Attending
One Teacher	$38.13	$47.97	$9.84
Two Teacher	41.17	50.02	8.85
Graded	38.23	43.82	5.59
All Elementary	*$39.84	*$47.30	*$7.46

*Including supervision.

The excess cost per pupil attending is less in the graded than in the rural schools, because the attendance in the town and city schools is better than in the rural districts. This is due to better transportation facilities, better school conditions, and a better trained teaching staff.

The more nearly the cost per pupil attending approximates the cost per pupil belonging, the less waste there is of the taxpayers' money on account of poor attendance.

In Allegany, Baltimore, and Cecil the one-teacher schools are the most expensive, the two-teacher less so, and the graded schools least expensive.

COST FOR EACH COLORED PUPIL

In the average county the cost of each colored pupil attending, $23.14, was $1.83 more than was spent the previous year. This increase is due chiefly to the lengthening of the school term to 8 months in counties which had kept their schools for colored pupils open only 7 months in compliance with the minimum requirements of the law, prior to September, 1922. Most of the increases occur in the Eastern Shore and Southern Maryland counties, because the majority of the counties in Western and Central Maryland keep their colored schools open as long as their white schools.

For each colored pupil belonging in the average county the cost of current running expense is $17.96 and of capital outlay $4.32.

TABLE 71.

COST PER COLORED PUPIL, 1922-1923.

COUNTY	Cost per Colored Pupil Attending for Current Expenses			Cose per Colored Pupil Belonging *1923 for	
	1922	1923	Increase	Current Expense	Capital Outlay
County Average	$21.31	$23.14	$1.83	$17.96	$4.32
Allegany	61.71	64.52	2.81	57.00	3.11
Baltimore	49.84	48.37	—1.47	36.51	19.94
Cecil	34.98	41.89	6.91	31.20	.05
Washington	32.14	31.49	— .65	25.70	------
Carroll	26.84	33.09	6.25	23.81	------
Frederick	26.50	28.53	2.03	23.10	1.32
Harford	27.15	26.76	— .39	21.40	8.03
Kent	20.86	25.20	4.34	18.57	------
Talbot	15.45	21.09	5.64	17.90	.97
Anne Arundel	20.17	24.44	4.27	17.50	6.59
Prince George's	21.72	22.40	.68	17.11	10.56
Wicomico	15.85	20.10	4.25	17.10	2.38
Caroline	20.83	22.08	1.25	16.88	------
Dorchester	17.88	20.48	2.60	16.63	.78
Montgomery	18.78	18.23	— .55	14.73	------
Queen Anne's	15.93	19.48	3.55	14.32	.07
Howard	19.21	19.54	.33	13.87	3.37
St. Mary's	18.06	21.60	3.54	13.59	------
Charles	15.00	18.67	3.67	13.02	------
Worcester	16.27	16.10	— .17	12.89	3.56
Somerset	12.65	14.77	2.12	11.87	.14
Calvert	12.61	15.00	2.39	9.86	.07

*The order above is based on the cost for current expense per colored pupil belonging in 1923.

SCHOOL BUILDING PROGRESSES

Nearly one and a half million dollars, one-fifth of the expenditure for current running expense and capital outlay combined, was used for the latter purpose in the counties in 1923. In Baltimore City it was more nearly a third. (See Chart VV.) In the counties funds for building purposes were used for the following types of schools:

TABLE 72.

Type of School	Amount Spent	Per Cent
White Elementary Schools:		
One teacher schools	$29,377.31	2.0
Two teacher schools	87,242.13	6.0
Graded elementary schools	686,932.11	47.6
Total Elementary Schools	$803,551.55	55.6
White High Schools	521,428.31	36.1
Colored Schools	119,517.85	8.3
Grand Total	$1,444,497.71	100.0

It will be noted that very little money was put into white one-teacher schools—only two per cent—and only six per cent into two-teacher schools. Nearly one-half was used for the larger graded elementary schools for white pupils. Over one-third of the amount was used for white high schools. Expenditures for colored schools aggregated over 8 per cent of the total.

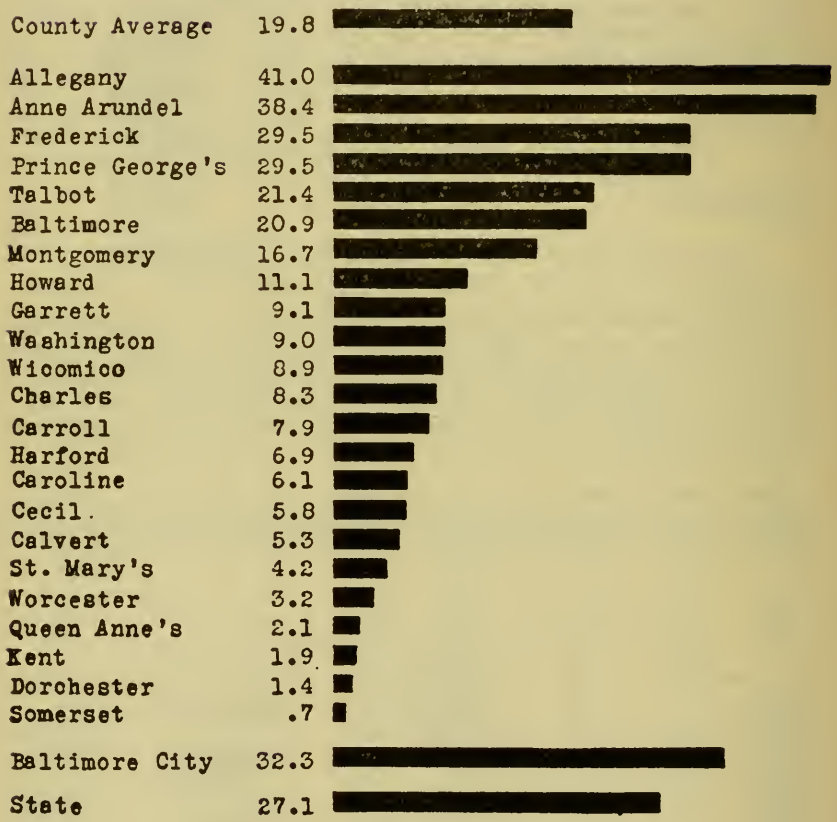
One-third of the counties invested more than $25,000 in white elementary schools, more than $10,000 in white high schools, and more than $3,375 in colored schools. These counties are listed below:

TABLE 73.

COUNTY	EXPENDITURES FOR CAPITAL OUTLAY IN White Elementary Schools	White High Schools	Colored Schools
Allegany	$233,016.51	$182,441.99	.....
Anne Arundel	157,033.48	.....	$16,952.73
Baltimore	89,971.05	101,083.68	33,778.67
Carroll	.....	12,997.80	.....
Charles	.....	.....	5,224.95
Frederick	40,438.96	125,382.99	14,400.56
Garrett	.....	18,183.98	.....
Harford	.....	.....	6,668.67
Montgomery	41,825.34	17,317.41	.....
Prince George's	118,397.60	.....	26,114.27
Talbot	31,383.95	10,734.42	.....
Washington	39,500.61	.....	.....
Wicomico	.....	15,551.05	3,775.64
Worcester	.....	.....	6,107.13

CHART VV

PER CENT FOR CAPITAL OUTLAY.



EXPENDITURES FOR CAPITAL OUTLAY, YEAR ENDING JULY 31, 1923, IN

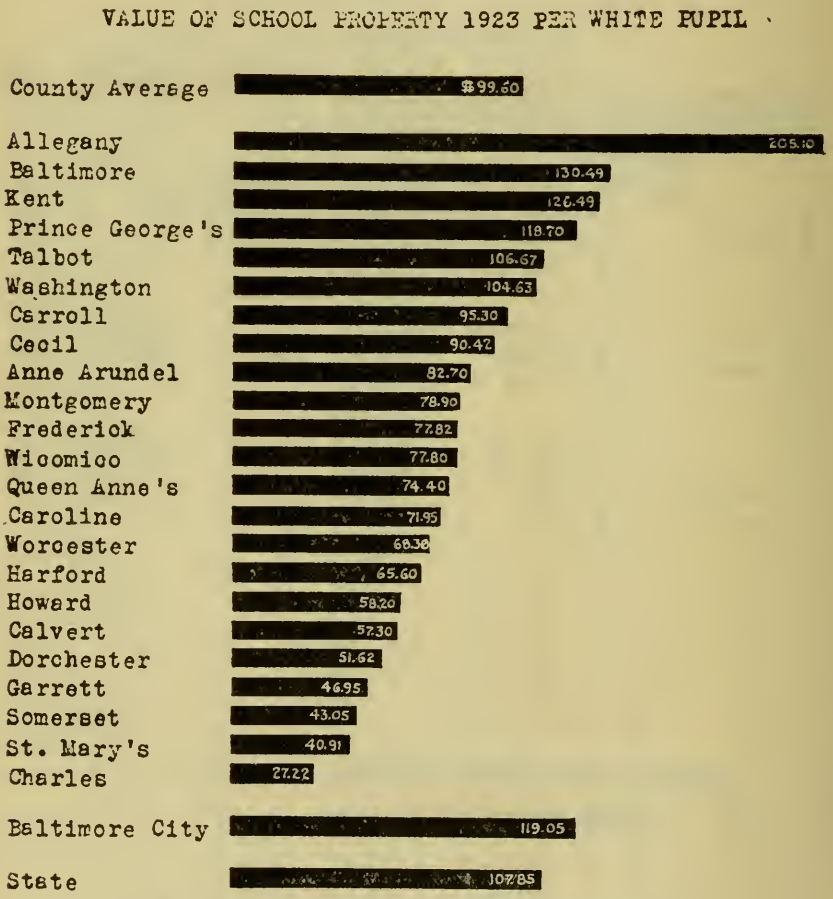
COUNTY	WHITE ELEMENTARY SCHOOLS			White High Schools	Colored Schools	Grand Total
	One Teacher	Two Teacher	Graaded			
All Counties	$29,377.31	$87,242.13	$686,932.11	$521,428.31	$119,517.85	$1,444,497.71
Allegany	3,911.39	2,749.91	226,355.21	182,441.99	851.50	416,310.00
Anne Arundel	5,894.39	8,987.68	142,151.41	4,049.21	16,952.73	178,035.42
Baltimore	----------	15,356.93	74,614.12	101,083.68	33,778.67	224,833.40
Calvert	40.50	75.00	----------	3,257.30	82.00	3,454.80
Caroline	----------	3,244.14	468.04	6,990.84	----------	10,703.02
Carroll	----------	----------	8,541.88	12,997.80	----------	21,539.68
Cecil	130.88	267.86	8,501.26	3,404.34	25.00	12,329.34
Charles	1,846.78	1,372.58	----------	460.50	5,224.95	8,904.81
Dorchester	1,371.85	----------	119.70	144.25	1,352.48	2,988.28
Frederick	4,574.53	6,630.61	29,233.82	125,382.99	14,400.56	180,222.51
Garrett	----------	2,827.04	----------	18,183.98	----------	21,011.02
Harford	625.45	909.69	3,744.23	3,945.19	6,668.67	15,893.23
Howard	260.30	6,879.78	1,356.40	2,855.70	2,488.32	13,840.50
Kent	----------	----------	2,190.72	481.88	----------	2,672.60
Montgomery	----------	----------	41,825.34	17,317.41	----------	59,142.75
Prince George's	10,108.42	18,721.14	89,568.04	6,315.74	26,114.27	150,827.61
Queen Anne's	202.16	349.54	61.23	2,406.74	65.00	3,084.67
St. Mary's	91.98	2,751.46	----------	608.95	109.34	3,561.73
Somerset	103.84	13.15	----------	660.95	294.23	1,072.17
Talbot	54.83	85.87	31,243.25	10,734.42	227.36	42,345.73
Washington	----------	15,953.42	23,547.19	1,995.48	----------	41,496.09
Wicomico	160.01	66.33	3,410.27	15,551.05	3,775.64	22,963.30
Worcester	----------	----------	----------	157.92	6,107.13	6,265.05

See Table XXXI, page 232.

VALUE OF SCHOOL PROPERTY

School property in Maryland in the year ending July 31, 1923, is valued at over twenty-two millions. Property occupied by white pupils is rated as worth over twenty and a half millions, and by colored pupils one and one half millions. (See Table 75.)

CHART WW

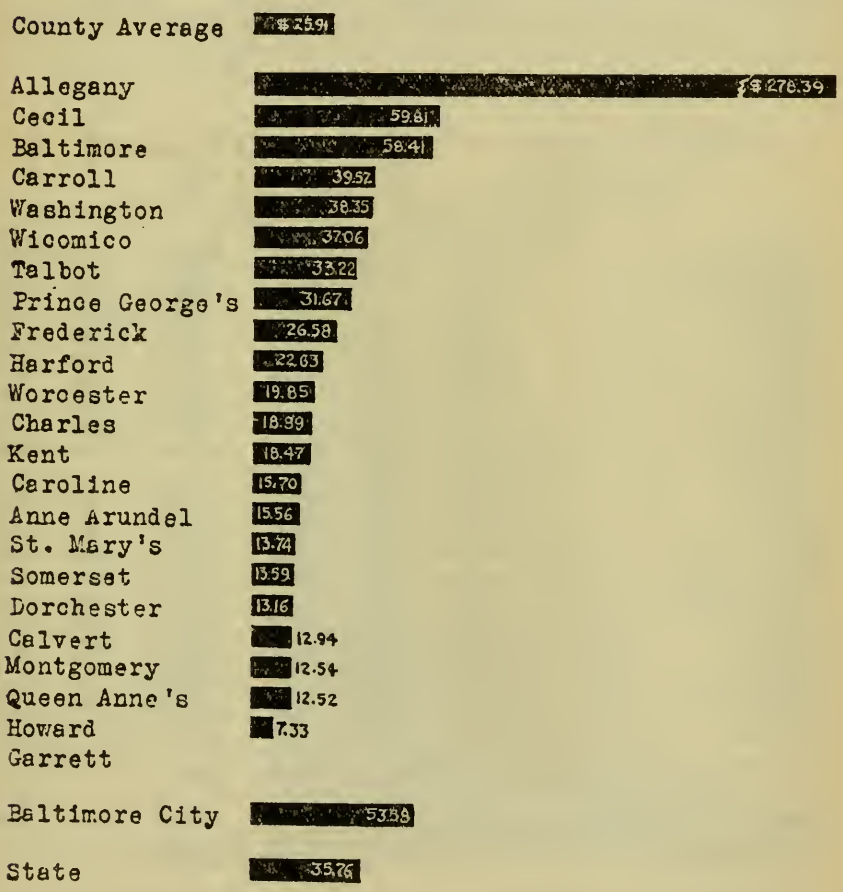


In the counties the average value of school property per pupil belonging is $99.60 in the white schools and $25.91 in the colored schools. The value per pupil ranges from $27.22 in Charles County white schools, to $205.10 in Allegany's white schools. In the colored schools the variation is from $7.33 in Howard county, which has many rented

buildings, to $278.39 in Allegany. Allegany is alone in spending more than $200 per pupil on buildings. Yet in these days of high building costs it is almost impossible to furnish standard modern school facilities without an expenditure of this amount. (See Charts WW and XX.)

CHART XX

VALUE OF SCHOOL PROPERTY 1923 PER COLORED PUPIL



The completion of Baltimore City's present building program will soon raise the value of its school property per pupil above $119.05 for white and $53.58 for colored pupils. Allegany and Baltimore Counties' buildings are valued at a higher amount per pupil than are the existing buildings in use in Baltimore City.

There is no accepted method in Maryland counties for reporting school building values—some using costs, other replacement value, and others assessed value at the last assessment. In order that we may adopt a method of valuation satisfactory and common to all, it would be advisable to have at an early county superintendents' conference a study and discussion of the best methods.

TABLE 75.

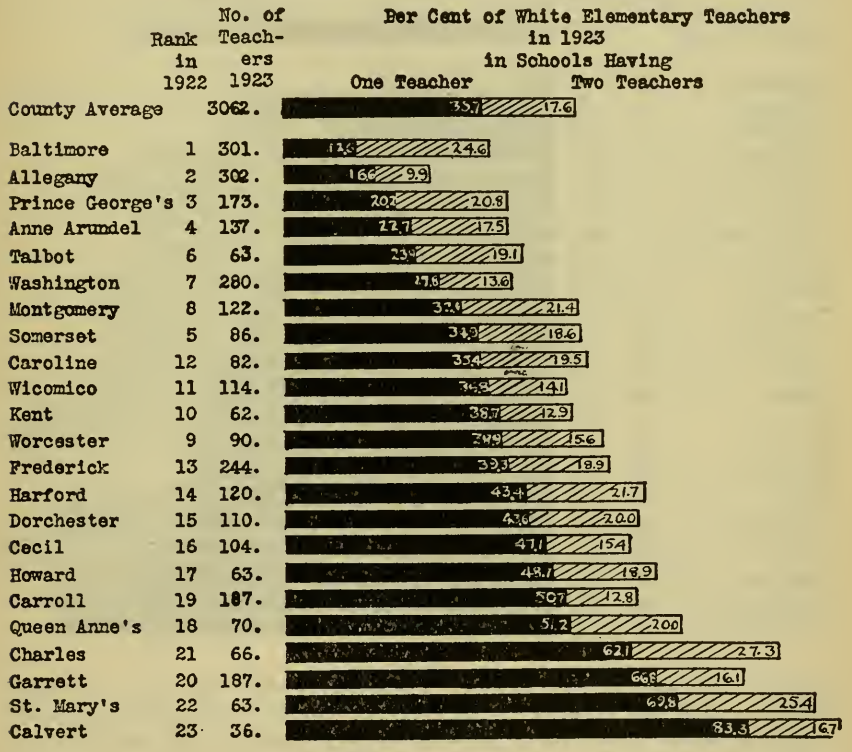
VALUE OF SCHOOL PROPERTY PER PUPIL BELONGING, 1923.

COUNTY	Schools for White Pupils			Schools for Colored Pupils		
	Value	Average No. Belonging	Value Per Pupil	Value	Average No. Belonging	Value Per Pupil
Allegany	$2,438,100	11,888	$205.10	$76,000	273	$278.39
Anne Arundel	404,700	4,892	82,70	40,000	2,571	15.56
Baltimore	1,749,800	13,413	130.49	99,000	1,694	58.41
Calvert	61,700	1,077	57.30	14,450	1,117	12.94
Caroline	233,550	3,247	71.95	16,000	1,019	15.70
Carroll	593,800	6,229	95.30	15,100	382	39.52
Cecil	321,400	3,552	90.42	29,800	498	59.81
Charles	46,150	1,695	27.22	28,635	1,516	18.89
Dorchester	189,300	3,665	51.62	22,750	1,729	13.16
Frederick	709,450	9,112	77.82	29,050	1,093	26.58
Garrett	222,285	4,737	46.95			
Harford	288,600	4,399	65.60	18,800	830	22.63
Howard	127,800	2,194	58.20	5,400	737	7.33
Kent	234,000	1,851	126.49	18,360	994	18.47
Montgomery	352,200	4,462	78.90	20,200	1,610	12.54
Prince George's	760,400	6,411	118.70	78,400	2,477	31.67
Queen Anne's	170,000	2,285	74.40	11,550	923	12.52
St. Mary's	75,800	1,853	40.91	16,300	1,186	13.74
Somerset	138,850	3,221	43.05	28,600	2,105	13.59
Talbot	247,000	2,317	106.67	42,200	1,270	33.22
Washington	1,150,900	11,000	104.63	13,000	339	38.35
Wicomico	348,000	4,471	77.80	58,850	1,588	37.06
Worcester	216,300	3,166	68.30	34,100	1,718	19.85
County Average	$11,080,085	111,137	$99.60	$716,545	27,669	$25.91
Baltimore City	9,616,589	80,737	119.05	823,419	15,367	53.58
Total	$20,695,674	191,874	$107.85	$1,539,964	43,036	$35.76

CONSOLIDATION OF SCHOOLS

The total number of white elementary teachers in the Maryland counties during the three years, 1922, 1923, and 1924, as shown in Table 29, page 76, has decreased by 14, in spite of the fact that at the same time the white elementary school population has probably increased by almost 3,000. Not only did the entire net decrease in teaching staff take place in one- and two-teacher schools—almost wholly in the one-

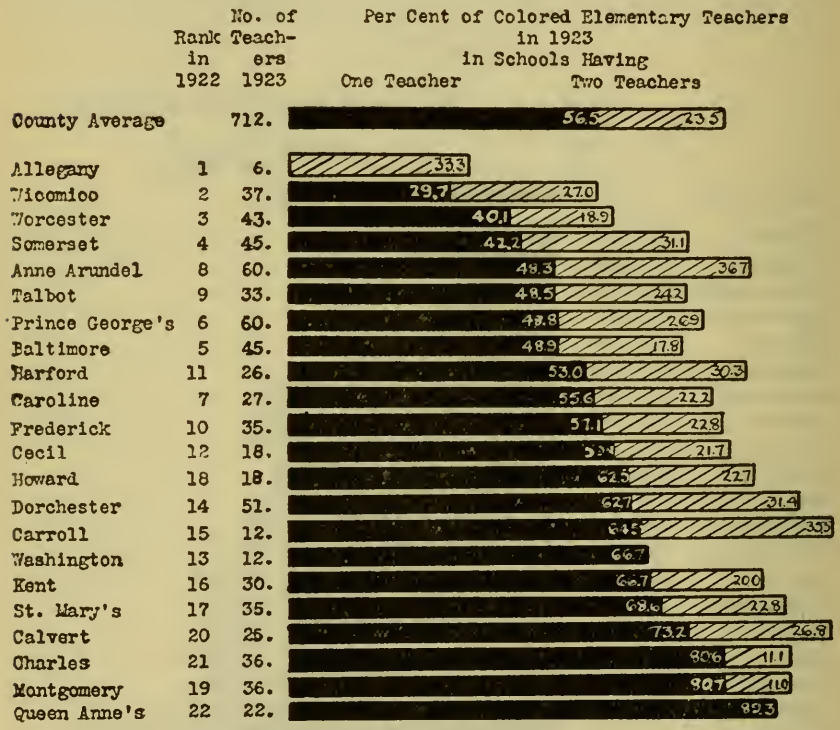
CHART YY


Rank in 1922
No. of Teachers 1923
Per Cent of White Elementary Teachers in 1923 in Schools Having
One Teacher
Two Teachers
County Average 3062. 35.7 17.6
Baltimore 1 301. 24.6
Allegany 2 302. 16.6 9.9
Prince George's 3 173. 20.8
Anne Arundel 4 137. 17.5
Talbot 6 63. 19.1
Washington 7 280. 13.6
Montgomery 8 122. 21.4
Somerset 5 86. 18.6
Caroline 12 82. 19.5
Wicomico 11 114. 14.1
Kent 10 62. 12.9
Worcester 9 90. 15.6
Frederick 13 244. 18.9
Harford 14 120. 21.7
Dorchester 15 110. 20.0
Cecil 16 104. 15.4
Howard 17 63. 18.9
Carroll 19 187. 12.8
Queen Anne's 18 70. 20.0
Charles 21 66. 27.3
Garrett 20 187. 16.1
St. Mary's 22 63. 15.4
Calvert 23 36. 6.7

teacher schools, indeed—but there was a decrease in the number of teachers in these schools alone of 65. This was partly offset by an increase of 51 teachers in the graded schools. The progress of school consolidation is evidently responsible for this shifting of figures in the two types of schools, rural and graded. There are now 3,026 county white elementary teachers.

That one per cent fewer teachers are in one-teacher schools than last year is therefore to be expected. Nearly 36 of every 100 white elementary teachers are in one-teacher schools, and less than 18 are in two-teacher schools, leaving 46 in the larger graded schools. Talbot has the smallest number (15) and Baltimore the smallest proportion (12.6 per cent) of white one-teacher schools. Garrett has the largest number (125) and Calvert the largest proportion of these schools (83.3 per cent). (See Chart YY.)

CHART ZZ


Rank in 1922
No. of Teachers 1923
Per Cent of Colored Elementary Teachers in 1923 in Schools Having
One Teacher
Two Teachers
County Average 712. 56.5 23.5
Allegany 1 6. 33.3
Wicomico 2 37. 29.7 27.0
Worcester 3 43. 40.1 18.9
Somerset 4 45. 41.2 31.1
Anne Arundel 8 60. 48.3 36.7
Talbot 9 33. 48.5 24.2
Prince George's 6 60. 48.8 26.9
Baltimore 5 45. 48.9 17.8
Harford 11 26. 53.0 30.3
Caroline 7 27. 55.6 22.2
Frederick 10 35. 57.1 22.8
Cecil 12 18. 21.7
Howard 18 18. 62.5 22.7
Dorchester 14 51. 62.7 21.4
Carroll 15 12. 64.5 33.3
Washington 13 12. 66.7
Kent 16 30. 66.7 20.0
St. Mary's 17 35. 68.6 22.8
Calvert 20 25. 73.2 26.8
Charles 21 36. 80.6 11.1
Montgomery 19 36. 90.7 10.
Queen Anne's 22 22. 82.3

Only one-fifth of the colored elementary teachers are in graded schools. The one-teacher schools have 56.5 per cent of the colored teachers and the two-teacher schools nearly a quarter. Several counties, notably Howard, Anne Arundel, and Talbot, have made gains in the reduction of colored one-teacher schools. (See Chart ZZ.)

COUNTY TAX RATES

The average county tax rate in Maryland counties was approximately $1.50 for 1923. In Washington County it was only $1.02, while in Calvert, at the other extreme, it was $2.19. (See column 1 of Tables 76 and 77.)

If the relation of the county school budget to the total county budget were reflected in the tax rate, the average rate in the counties for running the schools would be 64 cents, and including debt service and capital outlay it would be 70 cents, leaving 80 cents to be expended for county purposes other than schools. Of this last named amount 29 cents went to roads. (See column 2 of Tables 76 and 77.)

The county school tax rate varies from 46 cents in Howard and Montgomery counties, which have the lowest rates, to 86 cents in Kent, with the highest rate, if *all* school expenditures are considered, and if the school rate bears the same relation to the total rate that the school budget bears to the total county budget. Schools, because of their vital importance to the community, must be given consideration as great as or greater than that given other county activities combined, if the schools are to render the best service. It behooves every county to stand in the school tax column as high as or higher than it stands in the column of expenditures for other purposes. The opposite, for example, is true of Howard and Dorchester counties, which rank high in expenditures for county purposes other than schools and low in the amount and proportion of the budget devoted to schools. (See Table 76.)

In Table 76 the counties are arranged in the order of the size of their tax rates, from highest to lowest, for the total county rate, for the school current expense rate, and for purposes other than schools. An alphabetical arrangement is provided in Table 77. The actual budget appropriations of the counties, listed alphabetically, are indicated in Table 78, and the assessed valuation of property taxable at the full rate for county purposes for 1923 is shown in Table 79.

TABLE 76.

COUNTY TAX RATES 1923 FOR ALL PURPOSES, SCHOOLS, AND PURPOSES OTHER THAN SCHOOLS.

COUNTY	Total County Tax Rate	COUNTY	County school tax rate if it were to total rate as school budget is to total budget. School Current Expenses	All School Purposes	COUNTY	County tax rate for other than school purposes if it were to total rate as budget for these purposes is to county budget. Budget
County Average	$1.50	County Average	$0.64	$0.70	County Average	$0.80
Calvert	2.19	Kent	.86a	.93a	Calvert	1.32
Anne Arundel	1.94	Wicomico	.73b	.77b	Dorchester	1.23
Dorchester	1.79	Caroline	.72c	.73c	Anne Arundel	1.13
Garrett	1.77	Allegany	.71	.80	Garrett	.98
Somerset	1.64	Worcester	.69	.76	Baltimore	.98
Baltimore	1.62	Calvert	.69	.87	Somerset	.97
St. Mary's	1.55	Anne Arundel	.69	.81	Howard	.89
Wicomico	1.52	Prince George's	.67	.76	St. Mary's	.89
Kent	1.48	Garrett	.67	.79	Charles	.86
Talbot	1.46	Queen Anne's	.66	.67	Cecil	.83
Caroline	1.45	St. Mary's	.66d	.66d	Harford	.78
Cecil	1.45	Somerset	.65e	.67e	Talbot	.76
Charles	1.45	Talbot	.65f	.70f	Queen Anne's	.75
Howard	1.44	Carroll	.64g	.65g	Wicomico	.75
Queen Anne's	1.42	Baltimore	.61h	.67h	Carroll	.75
Carroll	1.40	Cecil	.59k	.62k	Caroline	.72
Harford	1.40	Charles	.59l	.59l	Frederick	.68
Prince George's	1.35	Dorchester	.55m	.56m	Montgomery	.65
Allegany	1.33	Harford	.55n	.62n	Prince George's	.59
Frederick	1.18	Frederick	.50o	.50o	Kent	.55
Montgomery	1.15	Washington	.49	.57	Worcester	.54
Washington	1.02	Howard	.46p	.55p	Allegany	.53
Worcester	1.30	Montgomery	.46r	.50r	Washington	.45

School Tax Rate published as follows:

a Kent	$ .66	$ .67	f Talbot	.68	.72	m Dorchester	.647	.657
b Wicomico	.764	.787	g Carroll	.69	.70	n Harford	.53	.595
c Caroline	.765	.78	h Baltimore	.69	.72	o Frederick	.58	.58
d St. Mary's	.67	.67	k Cecil	.62	.65	p Howard	.47	.60
e Somerset	.68	.70	l Charles	.60	.60	r Montgomery	.52	.57

TABLE 77.

APPROXIMATE TAX RATES IN MARYLAND COUNTIES, 1923.

COUNTY	Total County Tax Rate	Rate if Relation to Total Rate were the Same as Relation to Total Budget of Parts of Budget for: School Current Expense	School Debt Service and Capital Outlay	Roads	Other County Purposes
County Average	$1.50	$0.64	$0.06	$0.29	$0.51
Allegany	1.33	.71	.09	.18	.35
Anne Arundel	1.94	.69*	.12	.56	.57
Baltimore	1.62	.61a	.03	.46	.52
Calvert	2.19	.69*	.18	.69	.63
Caroline	1.45	.72*b	.01	.20	.52
Carroll	1.40	.64	.01	.09	.66
Cecil	1.45	.59*c	.03	.22	.61
Charles	1.45	.59+*d	--	.44	.42
Dorchester	1.79	.55*†f	.01	.41	.82
Frederick	1.18	.50g	--	.07	.61
Garrett	1.77	.67*	.12	--	.98
Harford	1.40	.55h	.07	.47	.31
Howard	1.44	.46i	.09	.41	.48
Kent	1.48	.86*j	.07	.25	.30
Montgomery	1.15	.46k	.04	.20	.45
Prince George's	1.35	.67*	.09	.30	.29
Queen Anne's	1.42	.66*	.01	.27	.48
St. Mary's	1.55	.66*l	.001	.30	.59
Somerset	1.64	.65*†m	.02	.23	.74
Talbot	1.46	.65n	.05	.23	.53
Washington	1.02	.49	.08	.19	.26
Wicomico	1.52	.73*o	.04	.25	.50
Worcester	1.30	.69*	.07	.14	.40

* Receives Equalization Fund.
+Additional Funds received from Federal Government.
† .67 cents if divided by assessable basis taxable at the fnll rate.

Published as:
a Baltimore ..... .69
b Caroline ..... .765
c Cecil ..... .62
d Charles ..... .60
f Dorchester ..... .647
g Frederick ..... .58
h Harford ..... .53
i Howard ..... .49
j Kent ..... .66
k Montgomery ..... .53
l St. Mary's ..... .67
m Somerset ..... .68
n Talbot ..... .68
o Wicomico ..... .764

TABLE 78.

MARYLAND COUNTY BUDGETS FOR COUNTY PURPOSES, 1923.

COUNTY	Total County Budget	Budget for Schools			Roads	County Purposes other than Roads and Schools
		Current Expenses	Debt Service	Capital Outlay		
All Counties	$10,027,870	$4,275,911	$264,470	$96,215	$1,939,012	$3,452,262
Allegany	1,015,783	543,878	70,625	-------	138,750	262,530
Anne Arundel	595,258	210,563	34,437	3,000	172,693	174,565
Baltimore	1,961,149	736,988	25,208	7,000	556,431	635,522
Calvert	95,669	29,866	2,125	5,842	30,260	27,576
Caroline	212,825	104,775	700	1,500	30,000	75,850
Carroll	506,971	232,089	4,000	-------	30,958	239,924
Cecil	343,304	139,440	8,500	-------	52,000	143,364
Charles	123,686	49,913	-------	-------	37,600	36,173
Dorchester	409,577	126,604	-------	2,000	93,000	187,973
Frederick	682,452	290,528	-------	-------	38,251	353,673
Garrett	280,689	106,250	18,063	1,200	*	155,176
Harford	377,717	148,000	17,500	1,500	126,275	84,442
Howard	242,759	77,853	-------	15,878	68,556	80,472
Kent	172,493	100,484	6,935	1,600	28,980	34,494
Montgomery	598,437	236,770	20,397	-------	105,224	236,046
Prince George's	448,505	222,100	31,621	-------	97,536	97,248
Queen Anne's	208,648	96,500	-------	1,895	39,673	70,580
St. Mary's	112,197	47,674	100	-------	22,000	42,423
Somerset	178,308	70,475	1,200	1,100	25,000	80,533
Talbot	243,970	108,700	300	6,000	40,000	88,970
Washington	688,196	331,821	13,412	37,000	130,764	175,199
Wicomico	322,859	155,318	9,347	-------	51,990	106,204
Worcester	206,418	109,322	-------	10,700	23,071	63,325

*Included under "Other County Purposes."

TABLE 79.

ASSESSED VALUATION TAXABLE AT THE FULL RATE FOR COUNTY PURPOSES—1923 AS FURNISHED BY STATE TAX COMMISSION (WITH REVISION).

COUNTY	Real Estate	Tangible Personal Property	Railroad Real Estate and Rolling Stock	Ordinary Business Corporations	Domestic Share Corporations	Distilled Spirits	Total
Total County	$547,095,711	$69,415,584	$23,940,572	$23,654,601	$5,348,325	$162,800	$669,617,593
Allegany	52,366,094	6,504,892	5,057,606	5,369,740	1,078,763	55,020	70,432,115
Anne Arundel	29,013,867	*	595,973	545,193	518,517	--------	30,673,550
Baltimore	106,832,900	*	*	5,500,000	†	--------	112,332,900
Calvert	4,326,746	*	41,260	48,838	9,993	--------	4,426,837
Caroline	12,636,877	637,272	467,256	309,381	23,878	--------	14,074,664
Carroll	25,064,578	5,764,222	*	1,597,606	670,790	97,780	33,194,976
Cecil	16,348,272	4,090,499	2,309,247	371,549	104,362	--------	23,223,929
Charles	6,889,496	1,190,030	239,241	103,120	771	--------	8,422,658
Dorchester	14,132,115	3,708,815	465,315	581,369	52,531	--------	18,940,145
Frederick	37,778,830	9,420,964	1,073,348	1,250,250	650,000	10,000	50,183,392
Garrett	12,630,186	3,065,954	339,269	161,926	12,201	--------	16,209,536
Harford	20,630,720	4,806,135	1,970,539	541,966	788,391	--------	28,737,751
Howard	12,700,015	1,567,180	405,020	426,910	201,158	--------	15,300,283
Kent	10,990,817	2,657,611	573,279	153,722	77,037	--------	14,452,466
Montgomery	41,476,805	3,747,970	945,155	42,115	40,860	--------	46,252,905
Prince George's	28,290,360	3,326,411	1,544,913	124,119	124,870	--------	33,410,673
Queen Anne's	11,287,315	2,775,200	700,500	16,623	7,025	--------	14,786,663
St. Mary's	5,709,322	1,424,693	2,000	25,966	2,288	--------	7,164,269
Somerset	9,468,893	*	849,263	245,090	24,403	--------	10,587,649
Talbot	13,473,615	2,152,060	465,390	626,941	240,972	--------	16,958,978
Washington	47,430,173	7,716,294	3,902,402	3,519,921	435,331	--------	63,004,121
Wicomico	14,717,228	2,238,800	1,218,226	1,867,325	239,424	--------	20,281,003
Worcester	12,900,487	2,620,582	775,370	224,931	44,760	--------	16,566,130
Baltimore City	662,463,922	82,361,044	39,403,918	30,047,682	35,049,326	667,625	849,993,517
Total	$1,209,559,633	$151,776,628	$63,344,490	$53,702,283	$40,397,651	$830,425	$1,519,611,110

*Included in "Real Estate."
†Included in "Ordinary Business Corporations."

VOCATIONAL EDUCATION

Courses and Enrollment

During 1922-23 the vocational program affected a total enrollment of 2,424 pupils, exclusive of those taking teacher-training and foremanship courses. This figure is equivalent to sixteen per cent of the entire high school enrollment of the State, outside of Baltimore City. The number of pupils reached is rather encouraging, when it is recalled that the work has been in operation in the State only six years.

The enrollment was distributed among 21 schools offering agriculture, 18 evening schools offering 54 courses along industrial and home making lines, 4 part-time schools, 1 trade school, and 10 schools with vocational home economics courses. All the types of instruction which have developed in the national program, except that of industrial rehabilitation, were in operation in Maryland during 1922-23.

Baltimore City had the most varied program. All but six counties in the State participated, to a greater or less extent, however, in vocational education. The Eastern Shore made a very substantial beginning along this line, and in some sections the work has become quite popular. All the counties on the Western Shore, except Baltimore and St. Mary's, and all on the Eastern Shore, except Dorchester, Kent, and Wicomico, are giving vocational training during 1923-24.

A co-operative arrangement with the University of Maryland permitted using the heads of the teacher-training departments of agriculture and home economics for the supervision of these subjects in the high schools of the State.

Increased Financial Support.

Until 1922-23 the State appropriation was sufficient for administrative purposes only. The last Legislature, however, increased the annual appropriation for vocational education by $10,000, thus making the total for the purpose $15,000 a year. This larger fund has enabled the State Department of Education to lend greater financial encouragement to the work than has hitherto been possible. The county boards were offered a State as well as a Federal subsidy.

In Maryland the growth of vocational work, since its inauguration in 1917, has been gradual, but uninterrupted. In 1922-23 the total expenditure for salaries for vocational teachers in the counties and Baltimore City was $102,740.88, an increase over the previous year of nearly $12,000, or 15 per cent.

Federal Funds Available.

A considerable part of the money spent for vocational education in Maryland comes from without the State. Of the $102,741 expended for salaries in 1922-23, $45,586 was allotted to the State under the Federal Vocational Education Act (Smith-Hughes Act). These appropriations will increase gradually up to the year 1926, when, and annually thereafter, the allotment to Maryland will be $96,052.46. The following table shows the total annual allotment from the Federal Government, and the distribution to the several kinds of work.

TABLE 80.

FEDERAL ALLOTMENT TO THE STATE OF MARYLAND FOR VOCATIONAL EDUCATION UNDER THE SMITH-HUGHES ACT

Year	Total	Agriculture	Industry and Home Economics	Teacher Training
1922-1923	$61,768.31	$19,753.88	$28,243.94	$13,770.49
1923-1924	68,625.14	22,575.86	32,278.79	13,770.49
1924-1925	82,338.79	28,219.82	40,348.48	13,770.49
1925-1926 and annually thereafter	96,052.46	33,863.79	48,418.18	13,770.49

In order to develop a well-rounded program of vocational education, certain portions of the fund available, are allotted for specific purposes. This restriction is intended as a safeguard, to insure a reasonable development in the several lines of work and to discourage a one-sided program. The regulations prevent, for example, the placing of the entire emphasis on trade schools of the all-day type to the exclusion of continuation schools. One-third of the trade and industrial fund is designated for part-time instruction, and can be used for no other purpose. A maximum of 20 per cent of this same fund may be used for home economics, though this is not mandatory.

Of the total amount which may be received from Federal resources when the fund reaches its maximum, about 50 per cent is allotted to industrial education and home economics, 34 per cent to agriculture, and 16 per cent to teacher-training. For the year 1923-24 Maryland may receive $68,625.14, of which $22,575.86 would go to agriculture, $32,278.79 to industrial work, and $13,770.49 to the training and supervision of teachers for the three kinds of instruction.

Of the industrial fund, a maximum of slightly less than one-half may be devoted to day and evening industrial classes, a third to part-time industrial instruction, and a fifth to home economics. Twenty and sixty per cent are minimum and maximum parts of the teacher training fund which may used for preparing teachers in each of the three fields—agriculture, industrial education, and home economics,—and for supervision in each field a maximum of fifteen per cent may be used.

Salary Expenditures for 1922-23.

The following table accounts for expenditures on salaries only, and shows to what extent the various centers have, during the year, taken advantage of the work.

TABLE 81—TOTAL SALARY EXPENDITURES FOR VOCATIONAL EDUCATION BY COUNTIES OR INSTITUTIONS, 1922-23.

COUNTIES	Local	State	Federal	Total
Baltimore City	$21,192.76	--------	$13,256.25	$34,449.01 hi
University of Maryland	8,413.31	--------	8,413.29	16,826.60 ts
State Department of Education	--------	$5,990.90	2,936.60	8,927.50 s
Frederick	1,349.94	1,349.93	2,699.84	5,399.71 ahc
Prince George's	1,140.20	1,140.21	2,280.41	4,560.82 ah
Harford	1,088.58	1,088.57	2,177.13	4,354.28 ah
‡Baltimore	840.00	840.00	1,680.00	3,360.00 i
Garrett	793.89	882.96	1,498.63	3,175.48 ah
Carroll	751.60	751.61	1,503.19	3,006.40 a
Worcester	587.51	687.49	1,074.99	2,349.99 h
Washington	575.00	575.00	1,150.00	2,300.00 a
Howard	564.28	664.30	1,028.57	2,257.15 ah
Caroline	518.75	518.75	1,037.50	2,075.00 a
Allegany	504.00	504.00	1,008.00	2,016.00 a
Queen Anne's	500.00	500.00	1,000.00	2,000.00 a
Montgomery	487.74	487.73	975.47	1,950.94 ah
Cecil	343.74	343.76	687.50	1,375.00 a
Talbot	331.25	331.25	662.50	1,325.00 ah
Charles	131.25	131.25	262.50	525.00 a
Anne Arundel	126.75	126.75	253.50	507.00 c
*Calvert	--------	--------	--------	---------
†St. Mary's	--------	--------	--------	---------
*Somerset	--------	--------	--------	---------
Dorchester	--------	--------	--------	---------
†Kent	--------	--------	--------	---------
Wicomico	--------	--------	--------	---------
Totals	$40,240.55	$16,914.46	$45,585.87	$102,740.88

* Note: Vocational instruction was inaugurated for 1923-24.
‡ Note: Vocational instruction discontinued for 1923-24.
† Note: The introduction of vocational instruction is under consideration.
a—Agriculture. h—Home Economics. i—Industrial c—Continuation. t—Teacher Training. s—Supervision.

The distribution of this total of $102,740.88 among the different types of instruction is almost uniform. While $61,768.31 was available from Federal funds, only $45,585.87 was expended. This was due to the restrictions relative to part-time work, which the county superintendents and Baltimore City have not seen fit to carry on to any great extent. A portion of the agricultural fund was also unexpended, because a few local superintendents failed to include in their budgets items to match this fund. Several of the counties not now participating

TABLE 82—SOURCES OF VOCATIONAL FUNDS, AND DISTRIBUTION OF EXPENDITURES BY SUBJECT AND TYPE OF SCHOOLS—1922-23

	Federal Allotment	Distribution of Expenditures			
		Local	State	Federal	Total
Agriculture:					
Day Schools	$19,753.88	$6,499.30	$6,499.34	$12,998.57	$25,997.21
Industries:					
Day Schools	13,180.50	9,904.93	----------	9,904.93	19,809.86
Evening Schools		2,985.00	----------	2,985.00	5,970.00
Part-Time Schools	*9,414.65	1,205.33	840.00	2,045.33	4,090.66
Total	$22,595.15	$14,095.26	$840.00	$14,935.26	$29,870.52
Continuation Part-Time Schools*	----------	326.69	326.69	653.37	1,306.75
Home Economics:					
Day Schools	----------	2,968.48	3,257.53	5,647.79	11,873.80
Evening Schools	----------	7,937.51	----------	.99	7,938.50
Total	$5,648.79	$10,905.99	$3,257.53	$5,648.78	$19,812.30
Teacher Training and Supervision					
In Agriculture	4,590.16	3,046.12	907.62	3,497.85	7,451.59
In Trade and Industry	4,590.17	2,163.25	4,204.26	4,228.81	10,596.32
In Home Economics	4,590.16	3,203.94	879.02	3,623.23	7,706.19
Total	$13,770.49	$8,413.31	$5,990.90	$11,349.89	$25,754.10
Grand Total	$61,768.31	$40,240.55	$16,914.46	$45,585.87	$102,740.88

* Included under Industrial Part-time Schools.

in the agricultural fund would have done so, except for the difficulty of providing local funds without handicapping the work in general education.

The distribution as to type of instruction, as well as the sources of funds, is shown in Table 82.

Types of Schools

Agriculture is taught only in day schools, and home economics and industrial education are given in day and evening schools. Some of the industrial work is on a part-time basis. Naturally, the day school has received most consideration. This is due to the fact that school administrators are in the habit of thinking of schools as of the day type. In a vocational program, however, this is not the logical thing. Evening schools and schools of the continuation type, for persons who have entered employment, should be emphasized to a greater extent in Maryland than heretofore.

The amount spent for teacher-training and supervision covers all three fields—agriculture, home economics, and industrial training.

Vocational Agriculture

The number of schools having departments of vocational agriculture remained approximately the same as during the previous year, though not all the same schools had such departments both years. The enrollment was 371. The total salary expenditure was $25,997.21, of which one-half, or $12,998.57, was returned to the county boards in the form of reimbursements. (See map, page 33, which has an "A" next to every high school giving vocational agriculture.)

The quality of instruction and of equipment were improved, and in several cases new laboratory facilities were provided. Job analyses and the job method were emphasized, together with the requirement of project records and cost accounts as a preparation for job management in farming.

Although no exact data on the service rendered by agricultural teachers to their respective communities are available, the teachers took part in grange work, community fairs, parent-teacher associations, agricultural societies, and horticultural and livestock exhibits.

Below is a list of the schools having agricultural departments in 1922-23, together with the expenditures for salaries, and the enrollment. (See Table 83.)

The Home Project, or Supervised Practice, In Agriculture

The farm or home plant is the outside laboratory of the pupil taking vocational agriculture. Each pupil is required to carry to completion an outside project of a practical nature, and to keep cost accounts and

STATE VOCATIONAL BOY'S JUDGING CONTEST IN 1923, HELD ANNUALLY AT FREDERICK IN CONNECTION WITH THE FREDERICK FAIR

The Contestants Represent Maryland County High Schools

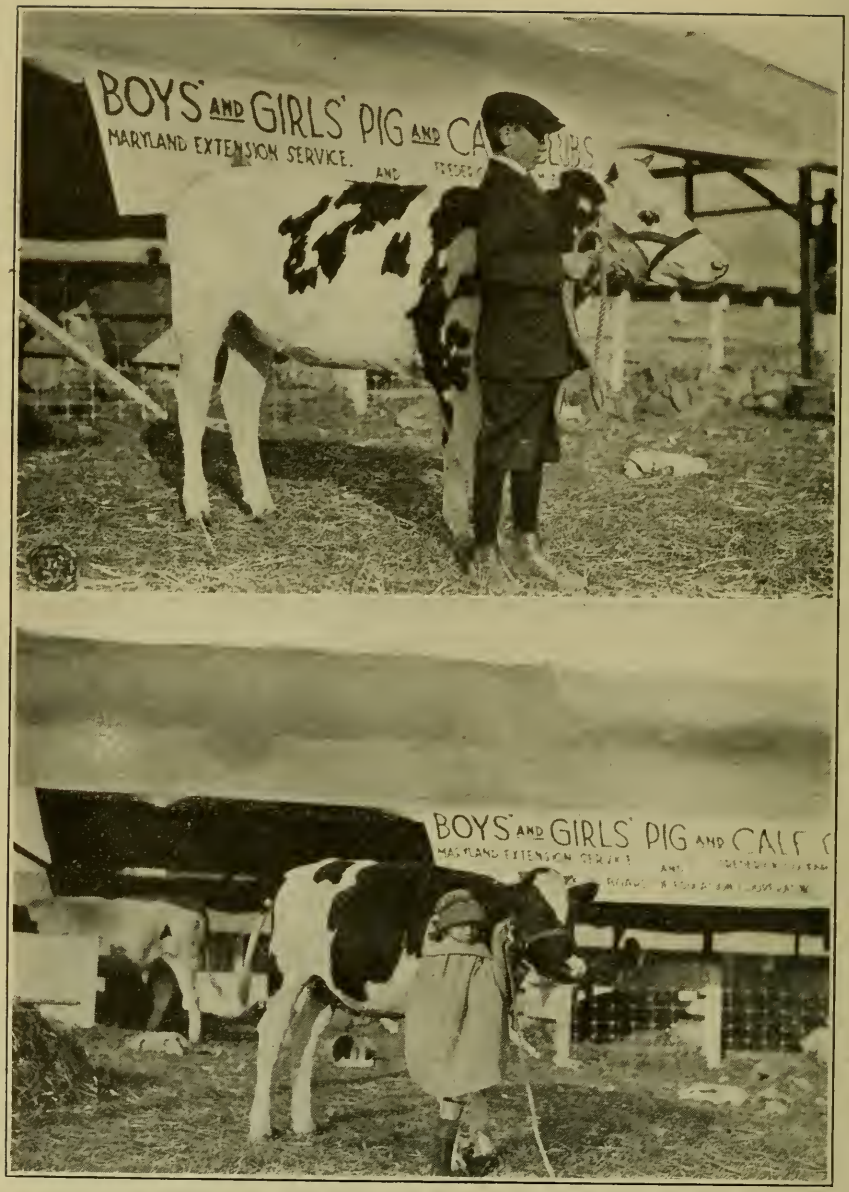


EXHIBIT OF FREDERICK COUNTY BOARD OF EDUCATION IN CO-OPERATION WITH THE EXTENSION SERVICE OF THE UNIVERSITY OF MARYLAND

labor expenditures in connection with it. This home project is often small, and, from the standpoint of the adult, insignificant; but it must be remembered that it is the largest business enterprise the pupil has ever undertaken on his own responsibility; hence it is educational if properly guided. The size and importance of the projects has increased. Formerly, a single unit of a farm enterprise was considered. In many cases the pupil now undertakes the whole farm enterprise. The crop production projects have increased from one acre to several acres, and the animal husbandry projects from a single specimen to a whole herd. Many pupils are also carrying over both crop and animal projects from year to year. After the crops are raised, livestock is provided to utilize them, and a double profit is thus made possible.

TABLE 83.

VOCATIONAL AGRICULTURE EXPENDITURES BY INDIVIDUAL SCHOOLS—1922-23

SCHOOL—COUNTY	Enrollment	Expenditure for Salaries	
		* Total	Per Pupil
WHITE			
Baden—Prince George's	22	$1,620.00	$73.60
Centerville—Queen Anne's	8	1,000.00	125.00
Clarksville—Howard	15	1,057.15	70.42
Clearspring—Washington	25	2,300.00	92.00
Denton—Caroline	18	1,037.50	57.60
Easton—Talbot	13	825.00	63.50
Flintstone—Allegany	28	2,016.00	72.00
Gaithersburg—Montgomery	23	1,017.60	44.25
Grantsville—Garrett	10	825.00	82.50
Hampstead—Carroll	6	1,221.40	203.57
Highland (Street)—Harford	29	2,100.00	72.40
Hyattsville—Prince George's	27	1,400.00	51.82
Jarrettsvile—Harford	22	1,414.28	64.22
Middletown—Frederick	32	2,199.96	68.70
Mount Airy—Carroll	19	975.00	51.30
Ridgely—Caroline	20	1,037.50	51.87
Rising Sun—Cecil	7	1,375.00	196.43
Stevensville—Queen Anne's	4	1,000.00	250.00
Westminster—Carroll	16	810.00	50.60
Total White	344	*$25,231.39	$73.35
COLORED			
Pomonkey—Charles	10	525.00	52.50
Upper Marlboro—Prince George's	17	240.82	14.17
Total Colored	27	*$765.82	$28.35
Grand Total	371	*$25,997.21	$70.00

* One-half of this amount was paid from Federal funds, one-fourth from State funds, and one-fourth by the local county authorities.

The project records brought to a close during 1923 (the projects for the year 1921-22) show, for the white schools, an average profit of $50.37 per pupil. The labor income from projects for the State was $10,679.61.

The largest returns were shown by the pupils of Baden High School, with a labor income of $2,513.69, or an average of $228.52 per pupil. The smallest returns were reported by Clearspring High School, with a pupil average of $12.69.

Some significance may be attached to the fact that while approximately $26,000 was expended for salaries of agricultural teachers, only about $13,500 came from the State and local funds, and the pupils projects, a side-line enterprise, actually brought on the market over $10,000 cash. Of course, however, it was the instruction, as in other lines of education, that was of most importance.

The tables following indicate the nature of these projects and their cost of production. (See Tables 84 and 85.)

TABLE 84—RELATION OF COST OF INSTRUCTION TO FINANCIAL INCOME FROM WHITE PUPILS' PROJECTS.

(1921-22—Completed in 1923.)

Schools	No. Pupils Completing and Reporting on Projects	Salaries of Teachers†	Total Labor Income	Average Labor Income per Pupil
Baden	11	$1,050	$2,513.69	$228.52
Westminster	12	800	1,507.67	125.64
Mt. Airy	11	1,575	781.31	71.03
Clarksville	7	1,214	496.52	70.93
Middletown	*19	2,100	1,065.34	62.67
Gaithersburg	15	1,224	574.45	38.30
Flintstone	21	2,016	781.73	37.23
Hyattsville	20	1,400	687.94	34.40
Jarrettsville	‡24	1,215	678.65	32.32
Grantsville	*10	1,000	236.94	29.56
Hampstead	14	900	344.24	24.59
Highland	20	2,100	443.48	22.17
Ridgely	18	1,650	351.99	19.55
Clearspring	17	1,767	215.66	12.69
Totals	219	$20,001	$10,679.61	$50.37

Average labor income per pupil per hour $0.73.
Average labor income per dollar invested by student $1.29.
*Two non-productive management projects included.
†Teachers' salaries listed are for time devoted only to agricultural education.
‡Three non-productive management projects included.

In 11 of these 14 schools, 100 per cent of the pupils enrolled for agricultural instruction completed projects. In Flintstone and Ridgely approximately 90 per cent of the boys enrolled completed projects; in Clarksville approximately 80 per cent—making an average of 97 per cent for the State.

TABLE 85—TABLE SHOWING CHARACTER AND SIZE OF AGRICULTURAL PROJECTS—1922

KIND OF PROJECT	No. Pupils Electing	Average Age	Average No. Wks. Operated	Average Number Acres	Average Number Animals	Average No. Hours work	Average		Average Labor Income	Average Labor Income	
							Receipts	Expenditures		Per Hour	Per Dollar Invested
Vegetable	53	15.1	20.7	0.18	------	80.0	$40.06	$11.38	$28.68	$0.357	$2.52
Potato	53	16.1	16.8	0.48	------	35.0	39.38	20.22	19.16	0.547	0.95
Corn	30	15.8	25.2	2.34	------	68.5	122.55	60.01	62.51	0.913	1.04
Poultry	17	15.4	35.6	-------	60.5	78.8	95.81	36.01	59.80	0.758	1.66
Swine	12	15.0	38.8	-------	4.8	68.7	159.89	81.97	77.92	1.134	0.95
Tomato	10	15.5	19.4	0.57	------	27.7	37.89	23.36	14.53	0.525	0.62
Tobacco	8	16.6	52.0	1.28	------	92.1	380.63	73.00	307.63	3.341	4.21
Sweet Corn	5	16.0	15.8	3.13	------	60.8	142.45	72.12	70.33	1.157	0.98
Orchard	5	16.8	36.4	1.63	------	51.1	38.42	19.15	19.27	0.377	1.01
Corn—Breeding	4	17.0	20.0	1.04	------	20.0	30.42	28.44	1.98	0.095	0.08
Strawberries	3	15.0	36.7	0.14	------	69.5	68.00	9.39	58.61	0.843	6.24
Bees	3	15.0	31.0	-------	*7.7	22.7	107.34	50.18	57.16	2.519	1.14
Onions	3	16.0	9.0	0.07	------	20.5	6.77	1.39	5.38	0.263	3.94
Calf	2	16.0	47.0	-------	1.0	200.0	358.45	309.10	49.35	0.247	0.16
Beans	2	16.5	17.5	0.14	------	63.8	15.77	1.48	13.29	0.209	8.98
Watermelon	2	14.5	17.0	0.17	------	13.1	13.29	2.92	10.37	0.791	3.55
Hot Bed	2	16.0	13.0	†3.0	------	12.2	10.25	2.54	7.71	0.632	3.04
Wheat	1	19.0	36.0	50.0	------	1,215.0	1,460.00	845.60	614.40	0.506	0.73
Peas	1	18.0	12.0	2.75	------	13.0	117.50	81.60	35.90	2.761	0.44
Grapes	1	16.0	52.0	‡55.	------	47.0	50.00	38.30	11.70	0.249	0.31
Pop Corn	1	15.0	19.0	.05	------	15.0	10.00	1.16	8.84	0.589	7.88
Ducks	1	14.0	14.0	-------	13.0	11.0	7.05	1.64	5.41	0.492	3.30
Management	1	15.0	10.0	-------	------	354.0	71.80	---------	71.80	--------	-------

*Colonies. †Sashes. ‡Vines.

Vocational Home Economics

The salary expenditures in vocational home economics for 1922-23 were $19,812.30. A total of 1,321 pupils enrolled in the several types of work offered.

In the City of Baltimore 15 schools conducted evening instruction in home economics. These classes had an enrollment of 971 pupils, with a teaching staff of 43.

In eight different counties of the State, ten day high schools gave home economics to 308 pupils. The salaries of the day-school home economics teachers amounted to $11,873.80, of which $5,647.79 was reimbursed from Federal funds. (See map H, page 33, which has an H next each high school giving work in vocational home economics.) On account of the small amount of Federal funds available for home economics, practically no reimbursement was possible for the evening schools run by Baltimore City in this subject. The expenditures in Baltimore City, however, amounted to $7,937.51. The following table indicates the schools, the enrollment, and the expenditures in vocational home economics for the year 1922-23. (See Table 86.)

TABLE 86.

HOME ECONOMICS—EXPENDITURES BY SCHOOLS—1922-23

School—County	Enrollment	Expenditure for Salaries				
		Local	State	Federal	Total	Per Pupil
DAY						
Baden—Prince George's	40	$325.00	$325.00	$650.00	$1,300.00	$32.50
Brunswick—Frederick	39	300.00	300.00	600.00	1,200.00	30.76
Easton—Talbot	23	125.00	125.00	250.00	500.00	21.74
Ellicott City—Howard	28	300.00	400.00	500.00	1,200.00	42.85
Gaithersburg—Montgomery	18	233.33	233.33	466.67	933.33	51.88
Grantsville—Garrett	10	143.74	143.74	287.46	574.94	57.49
Highland (Street)—Harford	13	210.00	210.00	420.00	840.00	64.60
Middletown—Frederick	32	300.00	300.00	600.00	1,200.00	37.50
Oakland—Garrett	40	443.90	532.97	798.67	1,775.54	44.39
Pocomoke—Worcester	65	587.51	687.49	1,074.99	2,349.99	36.13
Total Day	308	$2,968.48	$3,257.53	$5,647.79	$11,873.80	$38.55
Baltimore City—Evening	971	7,937.51	----	.99	7,938.50	8.18
Grand Total	---	$10,905.99	$3,257.53	$5,648.78	$19,812.30	

Industrial Education

In 1922-23, 774 pupils took advantage of the various courses offered in the field of industrial education. The expenditures for instruction amounted to $31,177.27, of which $14,421.95 was furnished through local sources, and $15,588.63 through Federal.

TABLE 87—INDUSTRIAL SCHOOLS—EXPENDITURES—1922-23

Schools	Enrollment	Expenditure for Salaries				
		Local	State	Federal	Total	Per Pupil
Day Schools:						
Baltimore City	235	$9,904.93	-------	$9,904.93	$19,809.86	$84.28
Evening Schools:						
Baltimore City	389	2,985.00	-------	2,985.00	5,970.00	15.35
Part-time Schools:						
Baltimore City—						
(Curtis Bay)	75	365.33	-------	365.33	730.66	9.74
Baltimore County						
(Sparrows Point)	20	840.00	840.00	1,680.00	3,360.00	168.00
Part-time General Continuation						
Anne Arundel County						
(Stanton)	19	126.75	126.75	253.50	507.00	26.69
Frederick County						
(Church Street)	36	199.94	199.94	399.87	799.75	22.23
Totals	774	$14,421.95	$1,166.69	$15,588.63	$31,177.27	

Additional part-time work was begun through the establishment of a continuation school at Curtis Bay.

Forty men were enrolled in the teacher-training course conducted in Baltimore as an extension center.

MUSIC

Objectives for 1922-23.

During the past year, the objectives in music in the schools of the State were as follows:

1. A thorough training of all normal school graduates in elementary school music.
2. Courses in school music, under special teachers, in all State summer schools.
3. The training of all elementary teachers in some of the features of the tentative course in music for the elementary schools through demonstration class teaching at the meetings of the county teachers' associations.
4. The introduction of the tentative course in music into such high schools as are equipped to teach music on a credit basis.
5. Assisting the county supervisors and helping teachers in the selection of content and in the development of method in music teaching in the elementary schools.
6. Stimulating the organization of orchestras, glee clubs, chorus and opera groups in every school where it is at all possible to do so.
7. Introducing community music activities through the co-operation of school and community.

Outstanding Needs

As the situation is carefully analyzed, it is evident that there are two fundamental things to be done if music is to become one of the regular elementary and high school subjects and be better taught. First, patrons and taxpayers must be led to know the values in music training and to believe in them to such an extent that school officials will have the financial and moral support necessary for this feature of school work. Second, and obviously more important, teachers must be trained in the subject. In the work of the past year, and, in fact, during the past two years, definite efforts have been made in these two directions.

School and Community Music Encouraged

It was advised and urged that the rendering of music be made a feature at all meetings held by Community and Patrons' Associations. It was urged that the people be trained, whenever possible, to sing and to understand the meaning and purposes of music. Communities were encouraged to select and train song leaders. Schools, in many instances, joined the people in community music programs. High school glee clubs, orchestras, and bands co-operated in public programs.

Special musical entertainments of a wholesome kind were given. They consisted of operettas, band and orchestra concerts, and miscellaneous programs.

The value of these activities can hardly be over-estimated. In them the study of music is motivated; splendid training results; a wholesome way of spending leisure is suggested; there is entertainment by the home folks for the home folks; considerable funds, in a number of cases, are realized for school and community improvements; and teachers, pupils, and the people are brought into a closer sympathy and understanding.

One of the most valuable of these programs was carried out in Carroll County, under the title, "The Carroll County Eisteddfod," the plan and results of which are set forth in the following report made by Miss Gertrude Morgan, who directed the work:

"The Carroll County Eisteddfod, or Inter-Scholastic High School Competition, which was held in the State Armory, Westminster, on the evening of May 31, was given for two purposes: first, to provide an opportunity for motivating the classroom work in music; second, to demonstrate to the patrons the type of work being accomplished. In appearing before the patrons of the schools, the various pupils' music organizations gave evidence, as perhaps they could have done in no other way, of the work that has been attempted as well as of the pupils' attainments.

"A certain part of the classroom work in music in the high schools in Carroll County is devoted to part-singing and to the study of worthwhile choruses. The spring Eisteddfod had been anticipated by all the schools for some time during the year, and while all classroom chorus work was by no means in direct preparation for the contest, it did, to a certain extent, afford a goal for which to work, and also made unnecessary any frenzied, last-minute rehearsals, which may so easily interfere with other school activities.

"Each high school had its glee club organizations, drawn from the various classes, which practiced at least once a week, after school hours, and took part in programs throughout the year. Four of the high schools organized orchestras which met once a week and played in public on various occasions. Practically all the selections presented at the contest had during the year been given by the different organizations at some musical event in the schools.

"Solo work was encouraged in the general school assemblies in each school. The soloists for the contest were selected by the music instructor and sang their contest numbers in some assembly before appearing at the Eisteddfod.

"Only music of a type worth studying was used. Brahms' 'Cradle Song' and Schubert's 'Hark, Hark, the Lark!' were representative numbers. About three hundred students, representing musical organizations of seven high schools of the county, competed, and the Armory was filled to its capacity with patrons, who seemed most appreciative."

While in no other part of the State was there carried out any county-wide musical affair, there were given during the year in many places special musical programs of quite as much value locally as was this county-wide program in the larger area.

Training of Teachers In Music

There are three principal fields in which teacher training in music may and should be carried on. Probably the most important one, in the long run, is the normal school. During the last school session music in both of the State normal schools received its fair share of attention in time assignments, under a competent teaching staff, for class instruction in method and content.

In all the State summer schools provision was made for courses in school music and a comparatively large number of the elementary teachers of the State (188) pursued these courses. A large number also received some training in the regular periods of assembly singing.

Next to the importance of the training given in the normal and summer schools is that which has been attempted with the teachers in actual service. This training of teachers in service not only meets the needs of the large number who have not had much musical training, but also supplements in a most helpful way the training received in the normal and summer schools. Through a series of class demonstrations and by special instruction in music at teachers' institutes, efforts were made during the year to extend the music training, in some measure, to all elementary teachers in the State. A few teachers in each county, selected by the county supervisors and State supervisor on the basis of music ability, were specially trained to give these demonstrations. More than one-half of the white elementary teachers had the benefit of these class demonstrations. In addition to those who observed the class demonstrations, the teachers of two counties, Anne Arundel and Baltimore, received special instruction in elementary music during the sessions of their teachers' institutes.

Musical Organizations In High and Elementary Schools

In practically every high school where there were orchestra, band or glee club organizations last year these were continued and in some places enlarged. The Oakland High School organized for the first time an orchestra and a choral club and rendered a musical entertainment of real merit at the close of the term. During the year both an orchestra and a boy's glee club were organized in the Church Street Elementary School of Frederick. This brings the number of elementary school orchestras up to five. Four years ago not a single elementary school had such an organization. The number of these useful groups of players would increase faster in both the elementary and high schools but for the fact that it is difficult, and in some sections impossible, to secure teachers who are competent to give the necessary training. If

ELEMENTARY SCHOOL ORCHESTRA, CHURCH STREET SCHOOL, FREDERICK, MD.

CENTRAL CLOSING EXERCISES FOR ELEMENTARY SCHOOLS, MAY, 1923
Above—Seventh Grade Pupils at Pocomoke City, Worcester County
Below—March of the Nations Drill at Berlin, Worcester County

every high school is to have an orchestra in the near future, and we can think of no more important adjunct to a school and community, there must be found some source from which to secure more teachers of the orchestra instruments. There is no question about the interest of the pupils in these extra activities. It is found that, with proper leadership and competent teaching ability, pupils are glad to remain even after regular school hours for practice, and parents gladly purchase instruments for any of their children who show special talent in this direction. (See picture.)

Teaching of Music In High Schools

The special stressing during the year of music in the elementary schools and in community meetings left little time for help in the high schools. With the tentative course in every high school, with the extra training of so many teachers through summer school study, and with the special attention which it is planned to give high school music, during the coming year, the secondary schools of the State ought to show considerable progress in music study.

PHYSICAL EDUCATION

The leader of athletics at the meeting of farm club boys in the New York State Camp last summer stated that the boys of Maryland who were selected from all over the State stood out as the most social group of any State. They had more initiative and team spirit, and a stronger group consciousness than any other boys. He ascribed this group consciousness to the team games taught in Maryland's schools.

Physical Education is becoming an integral part of the life of the school children of Maryland, because the children, teachers, and parents now recognize that, while education is gained in the home, through the church, and from daily work, it is at school, in the classroom and on the playfield, that the child is trained for "social efficiency." Schools are primarily places where the young are to be trained for community life, for future citizenship. Reading, writing, and arithmetic are not ends in themselves, but the tools the child must learn to use for the common good. The free public schools of America were founded to secure "good members of the Church and State." "Good behavior" is the chief objective of Maryland's school curriculum.

Because good conduct can be and is taught especially on the school playground, physical education in the State is growing rapidly in importance. Consequently, it is not surprising to find a third of the children from the fourth grade up voluntarily participating in the badge tests, and thirty-six per cent of the high school girls on regularly organized athletic teams. This means that our future citizens are laying the right foundations through health giving activities during youth. It means that our youth are building character during the formative period, rather than drifting in an aimless way in accordance with their impulses.

The program of physical education realizes "good behavior" has a different meaning for the child, the youth, and the adult, and demands that each age live up to a continually higher standard. If to a child a bad boy means a quarrelsome companion, dodge ball is urged as an outlet for his fighting tendencies, because in dodge ball this instinct may be controlled and directed. If unfairness is the dishonorable characteristic of the early teens, field ball is the organized game in which fair, clean play may be shown to be the only successful type. If to youths the disloyal boys are the most to be contemned, a team game, like soccer, will be valuable, because it will demand the best there is in a high school boy. Even disobedience—in most parents' view the outstanding fault of children—disappears, as the pupil voluntarily chooses, as a team member, to become subject to the orders of his captain.

In carefully selected games, school children learn the better conduct according to their age in growth as well as according to what is generally considered the best behavior. If experience has shown juniors must not compete with seniors in New York, it is unnecessary to repeat that error in Maryland. If competition between those of the same weight is fairer and teaches higher standards in Garrett County, it should be used immediately in Worcester County. Uniform standards and rules in games teach a respect for law and order, with the result that Maryland will have less crime in the future. If "crime is a failure or refusal to live up to the standard of conduct deemed binding by the rest of the community," the preventive work of athletics, as they promote self respect, self control, and regard for others, will be more appreciated every year. Unfortunate natural tendencies will be converted by substitution into valuable channels. The desire to gain material things will be changed by sports to a desire to use power fairly and honorably, and each youth will know that taking what is not really his, whether it be an extra yard in a race or an "offside" goal, is dishonesty. In the light of the fact that seventy-five per cent of crimes arise from greed, is it not wiser to try these preventive methods rather than the ineffective ways of the past?

Badge Tests

The experience in badge tests in Maryland was used in the revision of the standards of tests of the Playground and Recreation Association of America. Eight thousand four hundred and ninety-four white and three thousand one hundred and forty-three colored boys and girls won badges, while 22,159 white and 8,257 colored boys and girls successfully passed one of the three events which constitute the test. This year's tables show the proportionate number of boys and girls, above and including the fourth grade, who participated in these physical tests. Again Queen Anne's County had the greatest proportion who took part. "Physical Ability" date bars were won by 40 boys and116 girls who had previously won gold badges. It is recommended that it be made more difficult to secure a second date bar. (See Charts A1 and B1, and Table XXIII, page 244.)

Field Days In the Counties

In 1922-23 every county had a field day, and this has become the big day of the year for the school children. Towns are vying with one another for the privilege of being host. Hurlock entertained Dorchester County on a new athletic field bought by the people for this purpose. Greensboro also dedicated a new piece of land on Caroline's field day. Ridgely and Queen Anne secured new fields as a result of their athletic programs. St. Mary's held its biggest day at Leonard Hall College, Leonardtown. The meet for the strictly rural schools of Allegany has stimulated Prince George's County to have a similar day. Local schools are planning athletic campaigns a year ahead. Cecil, Anne Arundel, and Frederick counties made marked increases in their number of badge test competitors. The Rotary Club of Annapolis has equipped four playgrounds. As a result of these activities graduates of high schools are taking courses in physical education, and the Playground Athletic League has had four county graduates teaching this year. Frederick High has put on its force a physical education teacher for girls.

State-Wide Meet

The Ninth Annual Championships were held at Homewood Athletic Field, Johns Hopkins University, June 8, 1923, and were won by the representatives of Allegany County. The boys' band of Thurmont High School furnished music for the day. The Maryland Parent-Teacher Association, through its several school groups in Baltimore, entertained the boys in county groups. Miss Tall entertained again at the Towson Normal the twenty teams of girls who came to play volley ball. The championship in dodge ball was won by Charles County, and that in volley ball by Allegany County.

Team Games Played

During the year 16,737 white boys and girls played on 1,231 teams, and an additional 4,785 boys and girls participated in group athletics in Baltimore, Howard, and Anne Arundel counties. In Baltimore County field ball was tried as a fall game for the girls and was a real success. It is recommended for intra-county games. The one-room mixed dodge ball continues popular, showing nearly 30 per cent increase. Speed ball nearly doubled. Baltimore and Allegany Counties, basket ball tournaments were conducted by official referees of the Playground Athletic League. (See Table XXIV, page 245.)

Soccer

Soccer continues its popularity as the fall game for high school boys, since only two out of the 92 first group high schools have rugby and not soccer. Ninety-four teams played four hundred and thirty-six games in twenty-two counties. Other states are profiting by the ex-

CHART A1

PERCENT PASSING PRELIMINARY AND FINAL TESTS OF BOYS' ATHLETIC BADGE TESTS 1923

BASED ON ENROLLMENT OF OCTOBER 1922 4th. GR. TO IV YR. H.S. INCLUSIVE

COUNTY	ENROLLMENT	ENTERED	WON	PER CENT WON	PER CENT ENTERED
Q.A'S.	652	498	118	18	76
A.A.	1,440	695	194	14	48
TAL.	728	336	161	22	46
CARO.	1,042	451	151	15	45
CHAS.	452	194	37	8	43
MONT.	1,260	497	118	9	40
KENT	534	215	72	14	40
CECIL	974	388	140	14	40
HOW.	601	221	94	16	37
FRED.	2,815	1,004	290	10	36
P.G'S.	1,818	636	224	12	35
DOR.	1,004	304	72	7	30
CAL.	296	85	19	6	29
WIC.	1,361	376	109	8	28
HAR.	1,318	360	156	12	28
WOR.	900	229	87	10	25
CARR.	1,719	423	68	4	25
BALTO	3,760	940	283	7	25
ALLE.	3,528	769	260	7	22
ST. M'S	528	96	9	1	18
SOM.	930	153	51	5	16
WASH	3,119	275	143	5	9
GAR.	1,311	118	67	5	9
TOTAL	32,090	9263	2,923	9	29

* ADDITIONAL P.A.L. INDOOR MEET ENTRANTS

A.A.	68	21
BALTO.	488	101
HOW.	28	—

CHART B1

PERCENT PASSING PRELIMINARY AND FINAL TESTS OF GIRLS' ATHLETIC BADGE TESTS 1923

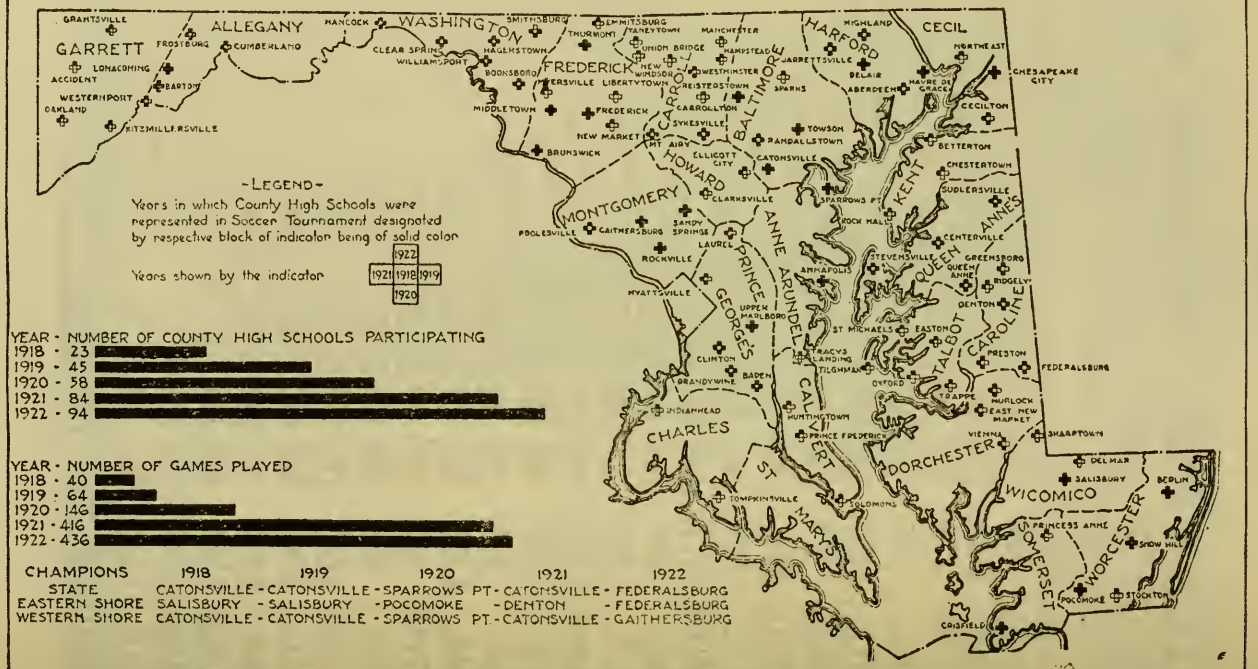
BASED ON ENROLLMENT OF OCTOBER 1922 4th. GRADE TO IVYR. H.S. INCLUSIVE

COUNTY	ENROLLMENT	ENTERED	WON	PER CENT WON	PER CENT ENTERED
Q.A'S.	758	620	227	29	79
CARO.	1,070	780	355	36	78
KENT	620	466	134	22	75
TAL.	718	470	179	25	66
CECIL	1,055	630	252	24	60
CHAS.	474	238	123	26	50
FRED.	2,846	1,312	589	21	46
P.G'S.	1,969	866	369	19	44
BALTO.	3,777	1,644	668	18	44
HOW.	691	283	168	24	41
A.A.	1,503	617	326	22	41
MONT.	1,638	676	272	17	41
WIC.	1,201	452	255	21	38
CAL.	333	119	60	18	36
HAR.	1,336	395	159	12	30
ST. M'S.	523	152	69	13	29
SOM.	989	280	105	10	28
WOR.	1,075	276	128	12	26
ALLE.	3,941	968	421	11	25
DOR.	2,067	491	240	12	24
WASH.	3,140	435	215	7	14
CARR.	1,791	585	204	4	11
GAR.	1,411	141	53	4	10
TOTAL	34,936	12,896	5,571	16	37

CHART C1

PLAYGROUND ATHLETIC LEAGUE

STATE-WIDE SOCCER TOURNAMENT FOR COUNTY HIGH SCHOOLS ~ 1918-1919-1920-1921-1922



YEAR - NUMBER OF COUNTY HIGH SCHOOLS PARTICIPATING

1918 - 23	
1919 - 45	
1920 - 58	
1921 - 84	
1922 - 94	

YEAR - NUMBER OF GAMES PLAYED

1918 - 40	
1919 - 64	
1920 - 146	
1921 - 416	
1922 - 436	

CHAMPIONS	1918	1919	1920	1921	1922
STATE	CATONSVILLE	CATONSVILLE	SPARROWS PT	CATONSVILLE	FEDERALSBURG
EASTERN SHORE	SALISBURY	SALISBURY	POCOMOKE	DENTON	FEDERALSBURG
WESTERN SHORE	CATONSVILLE	CATONSVILLE	SPARROWS PT	CATONSVILLE	GAITHERSBURG

perience here. Connecticut and Missouri have recommended it as the high school game. The championships were played on the Eastern Shore, at Easton, Talbot County. The winning team of the Eastern Shore was Federalsburg, of Caroline County, which won the State championship over Gaithersburg, of Montgomery County, representing the Western Shore. (See Chart C1.)

Girls' Athletics

Chart D1 shows the continued growth among girls of interest in athletics adapted to girlhood. Because of the activities of Maryland's girls the supervisor was invited to help plan a national conference upon athletics for girls. He also had a part in planning an indoor and outdoor athletic meet for girls in Baltimore. At the latter 3,216 participated in the various events. (See Chart E1.)

Athletics for Colored Boys and Girls.

In Chart F1, the State wide athletics for girls and boys attending colored schools are shown.

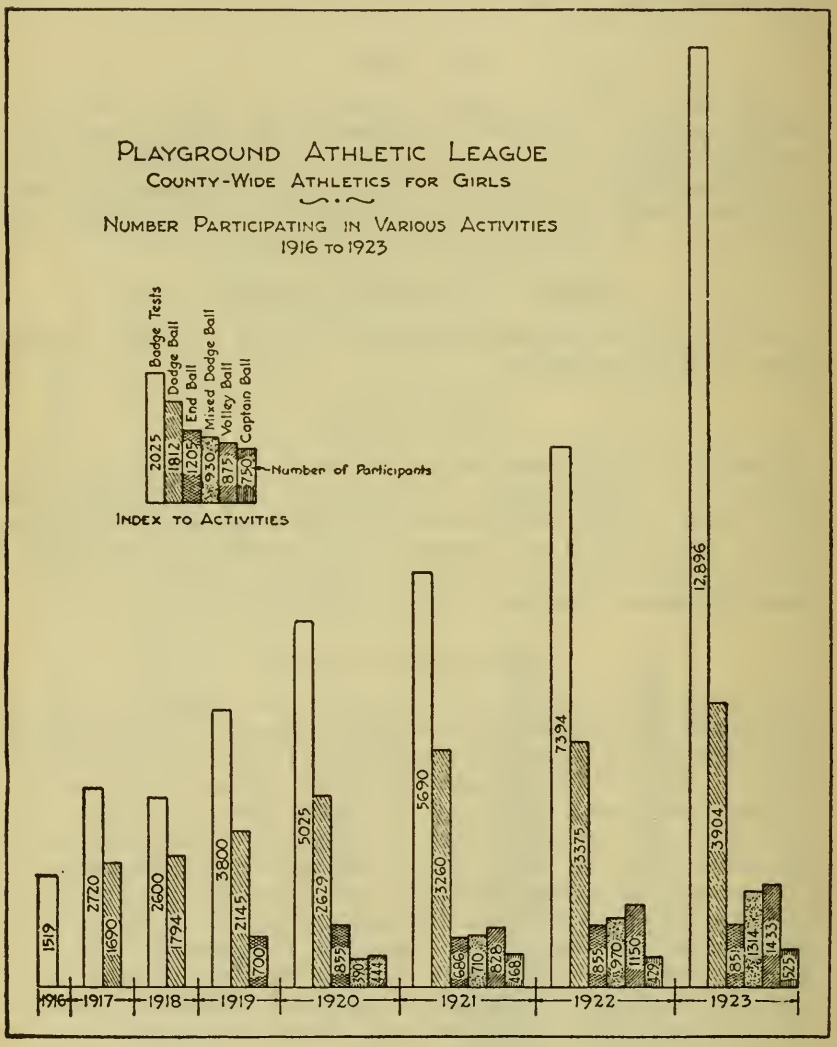
Other Activities

Carroll County has been using a play teacher as attendance officer. Montgomery County plans to use the income from concessions at its field meet to improve the physical education program of the county. Courses were given at each summer school in Maryland in the type of physical education used in the State. Mr. W. S. Pitman also gave a course at Hampton Institute to the Jeanes teachers.

Medical Examinations

The medical report shows that 5,174 boys and 1,699 girls, a total of 6,873 pupils, were examined in the county schools. There were found 12,215 defects, 4,443 of which were bad teeth; 1,490, bad tonsils; 1,033, defective vision; 72, mitral heart lesions; 57, ruptures. The nurses of the Baltimore County Children's Aid Society closed 1,632 cases, with 2,354 visits, which were 75.77 per cent successful. The mobile dental unit of the Baltimore County Junior Children's Aid Society examined 3,416 mouths and performed 6,073 pieces of work at forty-six schools. Now the county has secured a full-time dentist, Dr. Myron H. Price, trained at the Rochester Dental Dispensary, of Rochester N. Y. Inability to secure a woman physician prevented the continuation of inspection of high school girls throughout the State. Baltimore County decided to examine yearly only the high school pupils, the others who have athletics being examined every three years. (See Chart G1.)

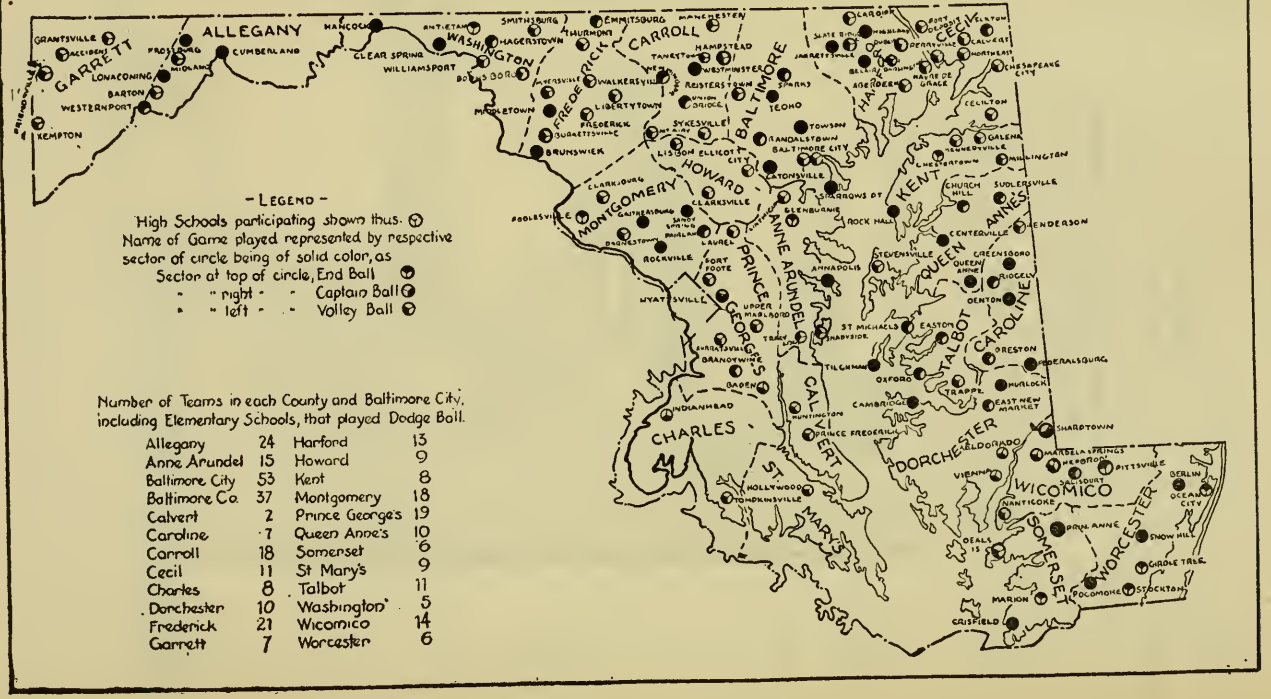
CHART D1


PLAYGROUND ATHLETIC LEAGUE
COUNTY-WIDE ATHLETICS FOR GIRLS
NUMBER PARTICIPATING IN VARIOUS ACTIVITIES
1916 TO 1923
Badge Tests
Dodge Ball
End Ball
Mixed Dodge Ball
Volley Ball
Captain Ball
Number of Participants
INDEX TO ACTIVITIES
1519
2720
1690
2600
1794
3800
2145
700
5025
2629
855
590
444
5690
3260
686
710
628
468
7394
3375
855
970
1150
429
12,896
3904
851
1314
1433
525
1916
1917
1918
1919
1920
1921
1922
1923

PLAYGROUND ATHLETIC LEAGUE

STATE-WIDE ATHLETICS FOR COUNTY HIGH SCHOOL GIRLS

NUMBER OF TEAMS PARTICIPATING IN GAMES TOURNAMENT, 1923



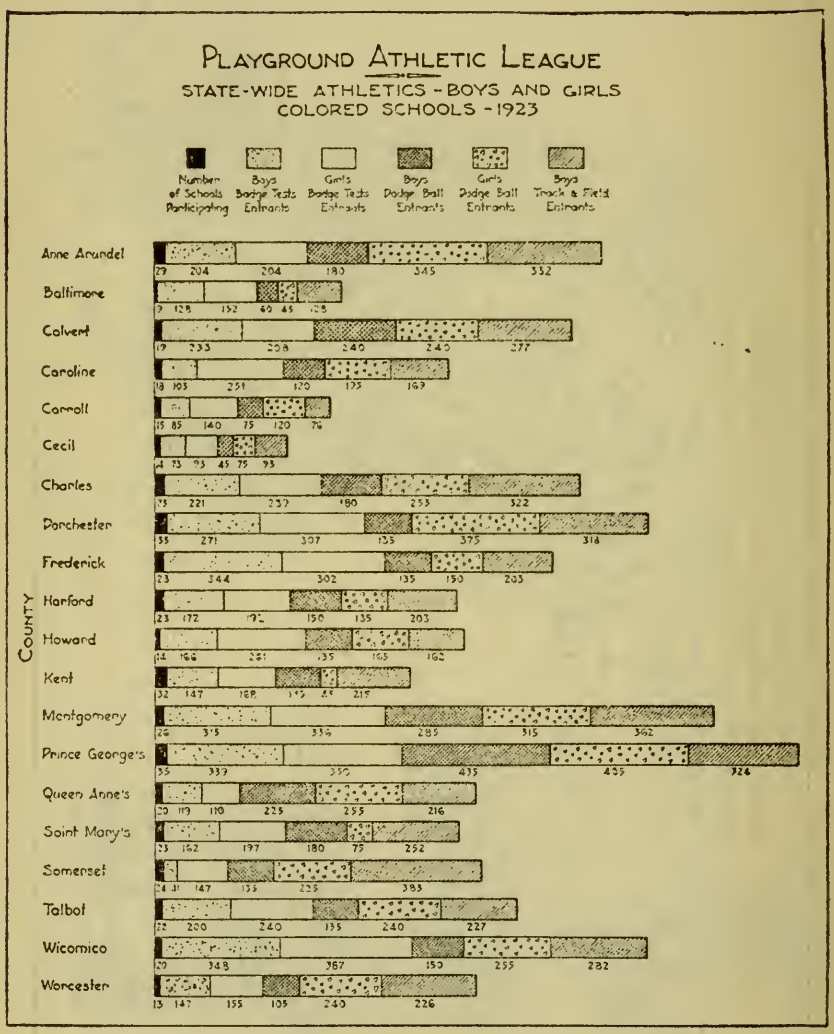
- LEGEND -

High Schools participating shown thus. ⊕
Name of Game played represented by respective sector of circle being of solid color, as
Sector at top of circle, End Ball ⊕
" " right " " Captain Ball ⊕
" " left " " Volley Ball ⊕

Number of Teams in each County and Baltimore City, including Elementary Schools, that played Dodge Ball.

Allegany	24	Harford	13
Anne Arundel	15	Howard	9
Baltimore City	53	Kent	8
Baltimore Co.	37	Montgomery	18
Calvert	2	Prince George's	19
Caroline	7	Queen Anne's	10
Carroll	18	Somerset	6
Cecil	11	St Mary's	9
Charles	8	Talbot	11
Dorchester	10	Washington	5
Frederick	21	Wicomico	14
Garrett	7	Worcester	6

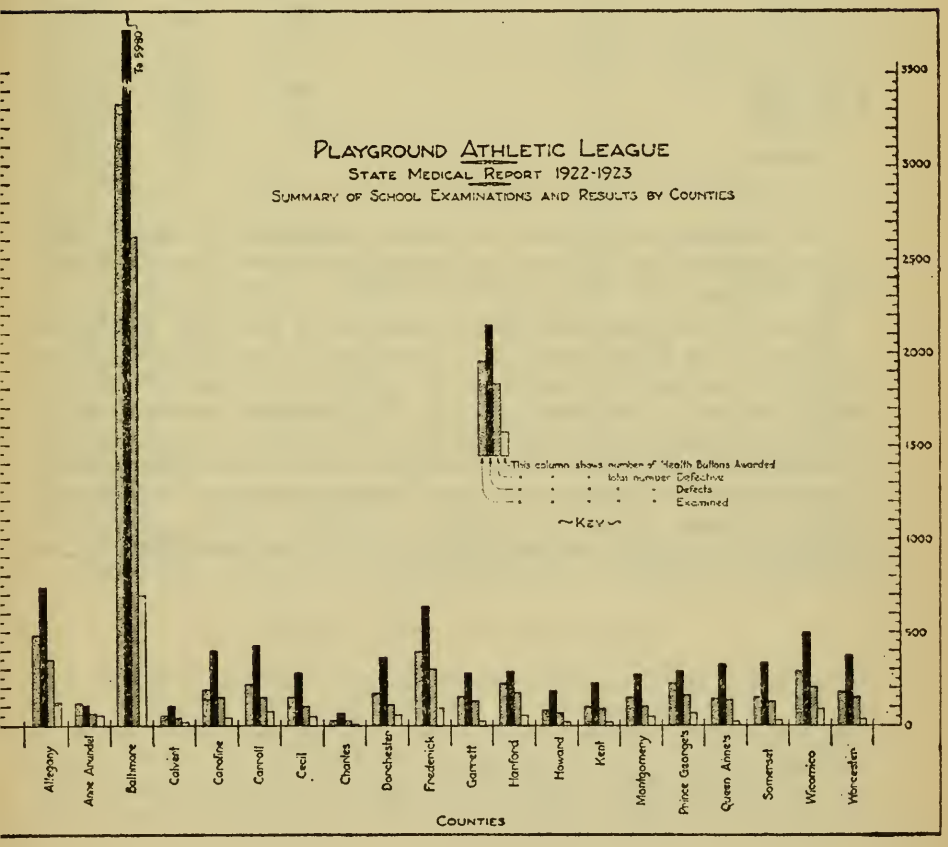
CHART F1


PLAYGROUND ATHLETIC LEAGUE
STATE-WIDE ATHLETICS - BOYS AND GIRLS
COLORED SCHOOLS - 1923
Number of Schools Participating
Boys Badge Tests Entrants
Girls Badge Tests Entrants
Boys Dodge Ball Entrants
Girls Dodge Ball Entrants
Boys Track & Field Entrants
COUNTY
Anne Arundel 29 204 204 180 345 332
Baltimore 7 128 152 60 45 125
Calvert 19 233 208 240 240 277
Caroline 18 103 251 120 135 169
Carroll 15 85 140 75 120 76
Cecil 14 73 93 45 75 93
Charles 25 221 237 180 253 322
Dorchester 35 271 307 135 375 318
Frederick 23 344 302 135 150 203
Harford 23 172 192 150 135 203
Howard 14 166 281 135 165 162
Kent 32 147 189 145 [illegible] 219
Montgomery 26 315 334 285 315 362
Prince George's 35 339 350 435 435 324
Queen Anne's 20 119 110 225 255 216
Saint Mary's 23 162 197 180 75 252
Somerset 24 [illegible] 147 135 225 383
Talbot 22 200 240 135 240 227
Wicomico 20 348 367 150 255 282
Worcester 13 147 155 105 240 226

Research Work

In co-operation with the Lawrence Memorial Research Fund, a very important study is being made of the underweight and overweight children of Baltimore County. A Committee on Heredity, under the chairmanship of Dr. Charles B. Davenport, of the Carnegie Institution, of Washington, with fellow members Dr. Raymond Pearl, and Dr. H. S. Jennings, both of Johns Hopkins University, and Roswell H. Johnson, University of Pittsburgh, has organized the study of the families of 50 overweight children and 50 underweight children. A trained research worker, Miss Louise A. Nelson, loaned by the Carnegie Institution, has now become a member of the Playground Athletic League staff and will continue this work and other pieces of research.

CHART G1



THE MARYLAND STATE NORMAL SCHOOLS AT TOWSON AND FROSTBURG

The Normal School Graduates of 1923

The fifty-eighth year of the Maryland State Normal School at Towson and the twenty-first at Frostburg, ending in the summer of 1923, showed an increase of 156 in the graduating classes.

TABLE 88.

NUMBER OF GRADUATES, 1923 AND 1922.

	Towson	Frostburg	Total
June, 1923	219	50	269
End of 1923 Summer Session	21	8	29
Total—1923	240	58	298
Total—1922	114	28	142
Increase	126	30	156

The graduates, nearly 300 in number, comprised the largest class ever graduated from Towson and the second largest class graduated from Frostburg, the class of 1917 exceeding it by 9 only.

All except 6 of these graduates are teaching in Maryland, 272 in the counties and 20 in Baltimore City. One-fourth of the Towson graduates are in one-teacher schools, nearly a fifth in two-teacher schools, and 55 per cent in the larger schools. The Frostburg graduates teach for the most part in one-teacher schools, as Allegany County does not take inexperienced teachers into its graded schools, and Garrett County is largely rural. Two-thirds of the Frostburg graduates are in one-teacher schools, and about one-fifth in graded schools. The rural schools offer a great opportunity for service to the community and to the cause of education. (See Table 89.)

TABLE 89.

DISTRIBUTION OF 1923 NORMAL SCHOOL GRADUATES BY COUNTY PLACEMENT AND TYPE OF SCHOOL.

COUNTY	TYPE OF SCHOOL							
	One-Teacher		Two-Teacher		Graded		Total	
	Towson	Frostburg	Towson	Frostburg	Towson	Frostburg	Towson	Frostburg
Allegany	..	24	..	1	1	..	1	25
Anne Arundel	2	..	..	..	16	..	18	..
Baltimore	9	..	2	..	30	..	41	..
Calvert	2	..	1	..	..	..	3	..
Caroline	..	..	..	..	2	..	2	..
Carroll	1	3	2	3	5	5	8	11
Cecil	5	..	4	..	1	..	10	..
Charles	..	..	2	..	..	..	2	..
Dorchester	8	..	2	..	3	..	13	..
Frederick	1	2	4	..	7	..	12	2
Garrett	1	8	..	..	..	5	1	13
Harford	8	..	3	..	5	..	16	..
Howard	..	2	2	..	2	..	4	2
Kent	1	..	1	..	2	..	4	..
Montgomery	3	..	2	..	1	..	6	..
Prince George's	2	..	5	..	12	1	19	1
Queen Anne's	6	..	1	..	1	..	8	..
St. Mary's	..	..	1	..	..	..	1	..
Somerset	..	..	3	..	3	..	6	..
Talbot	..	..	2	..	2	..	4	..
Washington	1	..	4	..	10	..	15	..
Wicomico	5	..	1	..	3	..	9	..
Worcester	6	..	3	..	6	..	15	..
Baltimore City	..	..	..	..	20	..	20	..
Out of State	..	..	..	..	..	..	..	1
Studying or not teaching	..	..	..	..	..	..	..	3
Married	..	..	..	..	..	..	1	..
Unaccounted for	..	..	..	..	..	..	1	..
Total	61	39	45	4	132	11	240	58
Grand Total	100		49		143		298	
Per Cent each school	25.4	67.2	18.8	6.9	55.0	19.0	*99.2	†93.1
Per Cent grand total	33.6		16.4		48.0		98.1	

* .8 married or unaccounted for.
†6.9 ont of State, studying, or not teaching.

Graduates Return to Home Counties

Four-fifths of the Towson graduates (185) and nearly three-fifths from Frostburg (32) took positions in their home counties. Anne Arundel, Cecil, Montgomery, Queen Anne's, and St. Mary's counties secured every one of their own graduates; Calvert, Carroll, Harford, Kent, Prince George's, Garrett and Worcester each lost only one of their respective graduates. The home counties which lost their grad-

uates did so either because there were not sufficient places open or because more attractive opportunities were available in other counties with higher salary schedules, as in Baltimore or Prince George's counties or in Baltimore City. A county which has many untrained teachers and which wishes to replace them with normal graduates must send its own high school graduates to the normal schools. On the average 8 out of 10 who remain at the normal school to graduate will come back to their home county. This applies especially to Wicomico, Prince George's, Carroll, and Garrett counties. (See Table 90.)

TABLE 90.

RETURN TO HOME COUNTY OF 1923 NORMAL SCHOOL GRADUATES.

COUNTY	TOWSON			FROSTBURG		
	No. Coming From Each County	Graduates Returning to Teach in Home County		No. Coming From Each County	Graduates Returning to Teach in Home County	
		No.	Per Cent		No.	Per Cent
Total Counties	232	185	79.8	57	32	56.1
Allegany	1	1	100.0	50	25	50.0
Anne Arundel	†16	16	100.0	------	------	-------
Baltimore	33	30	91.0	------	------	-------
Calvert	4	3	75.0	------	------	-------
Caroline	6	2	33.3	------	------	-------
Carroll	6	5	83.4	------	------	-------
Cecil	9	9	100.0	------	------	-------
Charles	3	1	33.3	------	------	-------
Dorchester	19	13	68.4	------	------	-------
Frederick	13	9	69.2	------	------	-------
Garrett	2	1	50.0	7	7	100.0
Harford	17	16	94.1	------	------	-------
Howard	7	4	57.2	------	------	-------
Kent	5	4	80.0	------	------	-------
Montgomery	*4	4	100.0	------	------	-------
Prince George's	*11	10	90.9	------	------	-------
Queen Anne's	8	8	100.0	------	------	-------
St. Mary's	1	1	100.0	------	------	-------
Somerset	10	6	60.0	------	------	-------
Talbot	8	4	50.0	------	------	-------
Washington	21	15	71.4	------	------	-------
Wicomico	13	9	69.2	------	------	-------
Worcester	15	14	93.4	------	------	-------
Baltimore City	4	2	50.0	------	------	-------
Other States	4	------	--------	1	1	-------

†Scholarships are provided for four students by the county.
*One scholarship is provided by the county.

On the other hand, 33 of the Towson and 22 of the Frostburg, 1923, graduates employed came from counties other than their home counties, and Baltimore City drew away 18 graduates from the counties. Carroll County took 14, 3 from Towson and 11 from Frostburg; Baltimore County took 11, Prince George's 10, Frederick 5, and Montgomery 2. These were the surplus supply from Allegany, Washington, and Talbot counties. (See Table 91.)

TABLE 91.

1923 MARYLAND NORMAL SCHOOL GRADUATES TEACHING IN EACH COUNTY AND PER CENT WHO CAME FROM OTHER COUNTIES.

County	TOWSON			FROSTBURG		
	No. of 1923 Graduates Teaching in County	Obtained from Other Counties		No. of 1923 Graduates Teaching in County	Obtained from Other Counties	
		No.	Per Cent		No.	Per Cent
Total Counties	218	33	14.7	54	22	40.8
Allegany	1	------	--------	25	------	-------
Anne Arundel	18	2	11.1	------	------	-------
Baltimore	41	11	26.8	------	------	-------
Calvert	3	------	--------	------	------	-------
Caroline	2	------	--------	------	------	-------
Carroll	8	3	37.5	11	11	100.0
Cecil	10	1	10.0	------	------	-------
Charles	2	1	50.0	------	------	-------
Dorchester	13	------	--------	------	------	-------
Frederick	12	3	25.0	2	2	100.0
Garrett	1	------	--------	13	6	46.2
Harford	16	------	--------	------	------	-------
Howard	4	------	--------	2	2	100.0
Kent	4	------	--------	------	------	-------
Montgomery	6	2	33.3	------	------	-------
Prince George's	19	9	47.4	1	1	100.0
Queen Anne's	8	------	--------	------	------	-------
St. Mary's	1	------	--------	------	------	-------
Somerset	6	------	--------	------	------	-------
Talbot	4	------	--------	------	------	-------
Washington	15	------	--------	------	------	-------
Wicomico	9	------	--------	------	------	-------
Worcester	15	1	6.6	------	------	-------
Baltimore City	20	18	90.0	------	------	-------

The Enrollment Campaign by Towson Students

The report for the year ending July, 1922, gives a full account of the enrollment campaign of the Towson students during the preceding two years. In 1922-23 the moving picture of the school, "The Call of the Hour," could not be used to any advantage because it was by that time out of date. There is need for an entirely new picture, in order that the present life of the school may be vividly and authentically presented.

During the last school year a new advertising plan was devised. With the consent and co-operation of the principals of the high schools of the State, all the Normal students who had graduated from a specified high school went back to that school at Easter for a half day's visit. The principal co-operated and planned an assembly at which not more than three students spoke, their theme being their life at the Towson Normal School. The students then visited the classrooms until the close of the morning session, and were happy because they had been "back home," and also because they were sharing their newer professional experiences with the younger high school groups. The co-operation on the part of the high school principals was practically 100 per cent; there were only three who did not approve of the plan, and their schools were not visited.

This year's enrollment at Towson of 523 women and 46 men—569 in all—is largely due to the student campaign. Yet another factor must not be forgotten, and that is the continued interest and work of the two State high school supervisors, the State supervisor of music, the county superintendents and supervisors, the high school principals, and the entire State Department of Education, for they have all supported the plan and have kept continually in mind the enrollment campaign for the normal schools of the State. (See Chart H.)

The Normal Schools' Enrollment

The enrollment at the two normal schools since 1920, culminating this year in an enrollment of nearly 700, is given below:

TABLE 92.

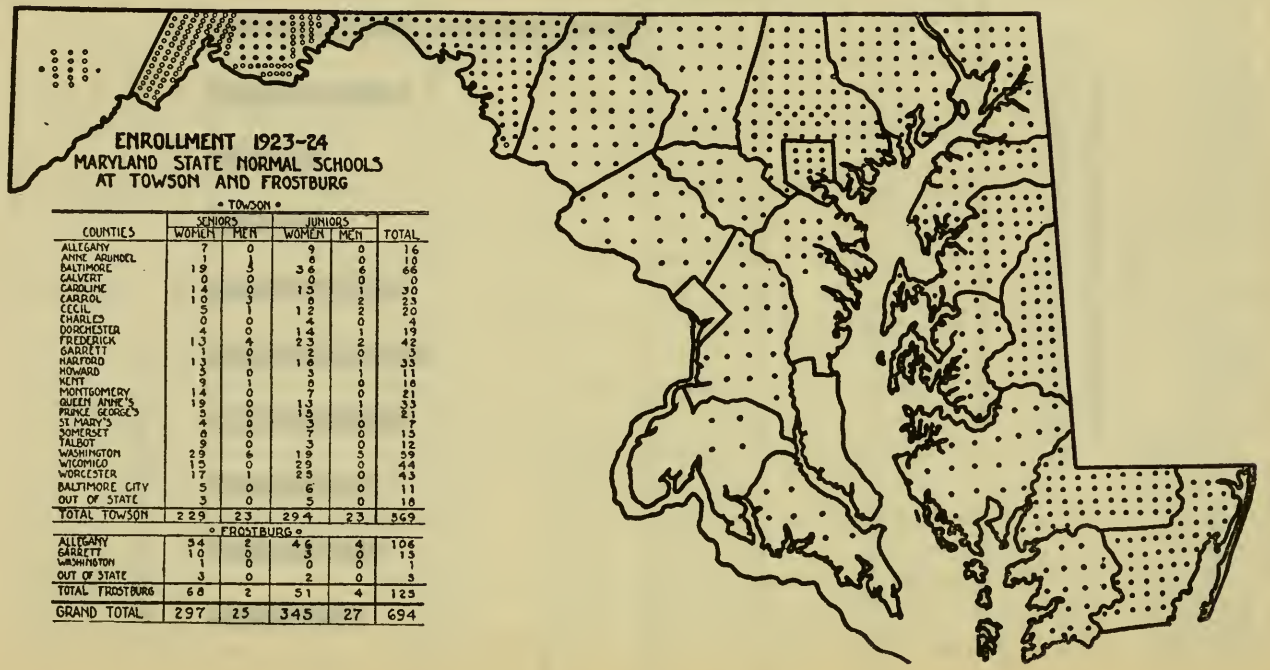
NORMAL SCHOOL ENROLLMENT, 1920-1924.

Year	TOWSON		FROSTBURG		TOTAL	
	Enrollment	Annual Increase	Enrollment	Annual Increase	Enrollment	Annual Increase
1920	105	----	39	----	144	----
1921	234	129	57	18	291	147
1922	397	213	101	44	498	257
1923	509	112	134	33	643	145
Sept., 1923	569	60	125	-9	694	51

CHART H1

MAP SHOWING COUNTIES FROM WHICH STUDENTS ENROLLED AT TOWSON AND FROSTBURG STATE NORMAL SCHOOLS COME

(Each Towson student is represented by a dot and each Frostburg student by a circle)



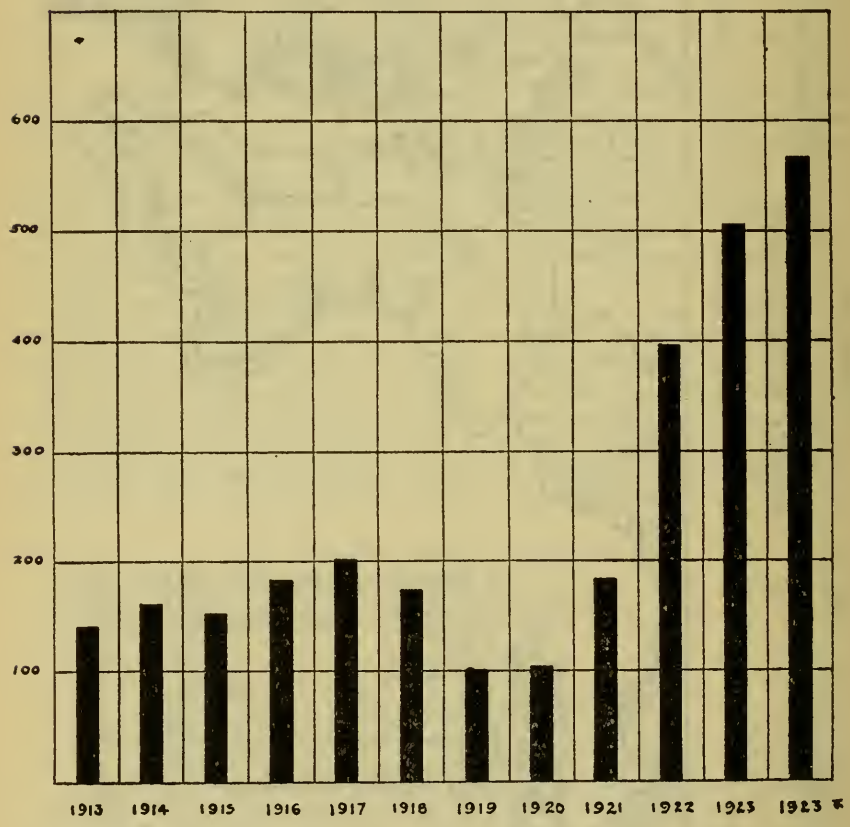
COUNTIES	SENIORS WOMEN	SENIORS MEN	JUNIORS WOMEN	JUNIORS MEN	TOTAL
• TOWSON •					
ALLEGANY	7	0	9	0	16
ANNE ARUNDEL	1	1	8	0	10
BALTIMORE	19	5	36	6	66
CALVERT	0	0	0	0	0
CAROLINE	14	0	15	1	30
CARROL	10	3	9	2	23
CECIL	5	1	12	2	20
CHARLES	0	0	4	0	4
DORCHESTER	4	0	14	1	19
FREDERICK	13	4	23	2	42
GARRETT	1	0	2	0	3
HARFORD	13	1	16	1	33
HOWARD	5	0	5	1	11
KENT	2	1	9	0	12
MONTGOMERY	14	0	7	0	21
QUEEN ANNE'S	19	0	13	1	33
PRINCE GEORGE'S	5	0	15	1	21
ST MARY'S	4	0	3	0	7
SOMERSET	6	0	7	0	13
TALBOT	9	0	3	0	12
WASHINGTON	29	6	19	5	59
WICOMICO	13	0	29	0	44
WORCESTER	17	1	25	0	43
BALTIMORE CITY	5	0	6	0	11
OUT OF STATE	3	0	5	0	16
TOTAL TOWSON	229	23	294	23	569
• FROSTBURG •					
ALLEGANY	54	2	46	4	106
GARRETT	10	0	3	0	13
WASHINGTON	1	0	0	0	1
OUT OF STATE	3	0	2	0	5
TOTAL FROSTBURG	68	2	51	4	125
GRAND TOTAL	297	25	345	27	694

The September, 1923, enrollment by county, class, sex, and school, is shown on Chart H1, which has a dot representing each student enrolled from the various counties. On Chart I1, the recent phenomenal growth in enrollment at Towson, together with enrollment for the past ten years, is evident.

CHART I1

MARYLAND STATE NORMAL SCHOOL AT TOWSON

Enrollment for the school year ending in June



* Enrollment for September, 1923.

Increase In Staff at Towson

To promote higher specialization for those who elect the rural school course and practice in the rural schools, Maryland has taken a step forward and has become one of the ten States in the Union that is employing in its normal schools a specialist in rural education, to guide the rural practice work. Furthermore, a new plan in curriculum-making has been introduced at Towson by making the rural life course a required one for all the seniors, instead of for the rural students alone. This seems a logical thing to do, since nearly all the Maryland schools, whether suburban or rural, are largely, or at least partly, composed of rural-minded children, who are brought in by bus transportation to the larger graded school centers.

Two new elementary school teachers were added to the training staff at Towson in 1922-23, and another in September, 1923, to make the full quota for a seven-room school. Facilities in the campus school are thus adequate to train 126 student-teachers during the year, 42 each term.

One part-time history teacher was added in 1922-23, and in September, 1923, the increased enrollment made two more teachers necessary to take care of the extra periods in mathematics, education, biology, and geography. In 1922-23, through the courtesy of the Boy Scouts' organization, under the direction of Mr. E. Perry Bradley, a course in Scout Leadership for men was introduced in the Normal School without cost to the State.

The instructional staff now numbers 25 in the Normal School Department, 8 in the Elementary School, and 12 training teachers in the affiliated county schools.

County Schools Affiliated With Towson.

Through the co-operation of Mr. C. G. Cooper, superintendent of the Baltimore County schools, three two-room schools were added to the practice centers already being used, and supervision of student teaching is being undertaken in the following communities:

One-Teacher School—Ridge

Two-Teacher Schools

Timonium*	Bare Hills**
Baynesville*	Lutherville**
Putty Hill*	Riderwood**

Graded School**—Fullerton

Efforts are being made to use training centers in as many counties as can be conveniently and inexpensively reached by school-bus or train transportation. This year arrangements are being made with Mr. Wright, superintendent of schools in Harford County, to use the one-room school at Wilna and several grades in the Belair school for student-teaching. Eventually it may be possible to include Howard County and Anne Arundel County schools.

* One room used.
** Two rooms used.

Summer Session

The fifth summer session at Towson, in 1923, had an enrollment of 279, about 80 less than the previous year, and at Frostburg, the sixth session had an enrollment of 201, a decrease of 53. Evidently the effect of the extension courses of the last two years upon attendance at summer schools is still making itself felt.

It may pay the State to carry a small summer school of 279 or 201 students, but the cost of the staffs employed for the summer schools warrants a better attendance. Last year's summer session staff at Towson was not used to the limits of its possibilities, for with the same staff 500 students could have been instructed. The school grounds are very beautiful in the summer time, the locations are healthful, and the classes are not crowded as they are in some of the larger summer schools of the country. The calibre of the staffs is comparable to that of any of the better schools of the country. In spite of the pull and lure of the larger cities where summer schools are held, much can be said in favor of the smaller and less crowded schools in the country environment.

New Dormitories at Towson

In June ground was broken for the new dormitory unit at Towson, which is to be called "The Sarah E. Richmond Hall." As reported in the 1922 Bulletin, the Legislature appropriated $150,000 for the new dormitory. The prospects are that the new building will be completed by June, 1924. The pressing housing needs are an additional dormitory for girls, a dormitory for men, an adequate dining hall for 500 students, a gymnasium, and an infirmary.

Frostburg

The dormitory at Frostburg was filled during the year and a large number of requests for dormitory rooms had to be refused. The new unit provided by the Legislature of 1922 will accommodate about 30 more students, making a total of 70 students in the two buildings.

The school is in need of another dormitory, which will house at least fifty more students. Many are now spending almost three hours daily commuting, besides spending more for carfare than it costs for room and board in the dormitory. In this connection the most significant fact, however, is that the energy and time consumed in travel is largely lost, not only making the day too long for these students, but unfitting them to do their best work.

The school grounds are hemmed in on three sides by alleys, and it is thus almost impossible to keep the grounds private. Also, the present buildings cover so much of the grounds that the school is cramped for play space, except for the simplest games. If the school is to add new buildings, it is imperative that sufficient ground be secured to make it possible to carry out those play activities so urgently needed for healthy development of both students and children.

Cost Per Student at Towson

To finance the normal school for the year ending July 31, 1923, nearly $165,000 was provided by the State and $63,228 was received from students in fees. Of these amounts the State spent approximately $150,263.56 for the 509 normal school students, an expenditure of $295 per student; $7,154 for 175 pupils in the Training School, $40.90 per pupil, which is the amount paid for instruction in Baltimore County; and $7,373.25 for the 270 summer session students for each of whom the cost was $26.43.

Because so many students had to board in the town instead of finding accommodations in the dormitory, the receipts from students' fees were $20,000 less than was estimated when the budget was made.

TABLE 93.

TOTAL AND PER PUPIL COST OF MARYLAND NORMAL SCHOOL, TOWSON, FOR SCHOOL YEAR ENDING AUGUST 31, 1923

Purpose	Normal School	Training School	Summer School
ADMINISTRATION			
Salaries	$ 8,348.98	.....	$ 277.83
Other	6,371.80	.....	.....
INSTRUCTION			
Salaries	53,621.91	$6,650.00	6,533.68
Other	17,443.99	504.00	246.07
HEALTH			
Salaries	1,583.33	.....	166.67
Other	456.68	.....	.....
DORMITORY			
Salaries	3,367.35	.....	673.47
Other	18,736.63	.....	1,278.89
DINING ROOM			
Salaries	14,192.30	.....	2,838.46
Food	41,661.50	.....	6,684.51
Other	4,983.62	.....	798.93
LAUNDRY			
Salaries	5,262.68	.....	1,000.00
Other	2,554.81	.....	.....
OPERATION OF PLANT			
Salaries and wages	6,105.49	.....	1,228.09
Other	3,884.17	.....	400.00
MAINTENANCE	10,162.98	.....	.....
TOTAL	$198,738.22	$7,154.00	$22,126.60
FEES	48,474.66	.....	14,753.35
PAID BY STATE	$150,263.56	$7,154.00	$ 7,373.25
No. of Students	509	175	279
COST PER STUDENT TO STATE	$ 295.00	$ 40.90	$ 26.43

BOWIE NORMAL SCHOOL

The twelfth session of the Bowie State Normal and Industrial School for colored youth closed July 31, 1923. Twenty-one students received diplomas, which entitle them to teach with second grade certificates. Twelve of these students accepted positions in rural county schools of Maryland. The remaining nine students will return to enter the junior year of professional normal school training, which is being inaugurated in September, 1923. Hereafter all Maryland students who desire two years of professional training for rural school teaching may obtain it in their own State Normal School at Bowie. This will entitle the graduates of the course to hold first grade certificates.

Although in a fire on October 20, 1922, this institution lost its main building and the water-power house, including all equipment, a very successful year has obtained. The estimated value of the entire loss is $30,000.

Immediately after the fire a six-room dwelling near the school was leased. The water-plant, including the machinery needed, was replaced at once. The school now has one of the best water systems of its kind in the State.

Four months after the fire a new frame building, with a basement, three class rooms, a kitchen, dining-room, and two lavatories was completed. This building cost $20,000. It is furnished with the very best equipment.

The enrollment would surpass that of last session if dormitory accommodations were available. By classes the enrollment is as follows:

TABLE 94.

	ENROLLMENT 1923
High School Class	
Senior	22
Junior	16
Sophomore	35
Freshman	30
Total	103
Summer School	46
Grand Total	149

The school accepts as students only those who pledge themselves to teach in Maryland for two years.

The increased desire on the part of the negroes of the counties of Maryland to send their children to this school has already overtaxed the dormitory space. The girls' dormitory will accommodate only sixty students. Space for boys, also, is very limited.

An administration building, a larger dormitory for girls, and a principal's home are the outstanding needs of this institution.

Summer Session.

The fourth summer session, in 1923, had an enrollment of 46. This small number was largely the result of the extension classes which were financed and supervised by the State Board of Education. Those who completed successfully the work of the extension courses were, under certain conditions, exempted from summer school attendance. Also, third grade teachers only were permitted to attend the Bowie summer school this year. First and second grade teachers were expected to attend Morgan College or Hampton Institute.

PRINTED BULLETINS ISSUED—1922-1923

Vol.	Bulletin No.	Month	Title	No. of Pages
IV	1	August	Library List for Elementary Schools	48
IV	2	February	Maryland High School Standards	266
IV	3	September	Extension Courses for Teachers	11
IV	4	October	Silent Reading	32
IV	5	October	Arithmetic	32
IV	6	October	Spring Athletics	16
IV	7	October	Spring Athletics (Colored)	14
IV	8	March	Public Education from the Viewpoint of the Citizen of the State	8
IV	9	March	Maryland Elementary Schools in 1922	103
IV	10	March	Maryland High Schools in 1922	95
IV	11	April	Maryland School Progress at a Glance	30
				655

Mimeographed Bulletin

	March	Over-age Conditions in Maryland Counties, November, 1922	28

FINANCIAL STATEMENT

October 1, 1922, to September 30, 1923.

DEPARTMENTAL AND INSTITUTIONAL RECEIPTS, DISBURSEMENTS, AND BALANCES.

Account	Receipts	Disbursements	Balance	Deficit
State Department of Education	$67,470,22	$67,525.29	.....	$55.07
Maryland State Normal School, Towson	236,960.27	238,282.42	.....	1,322.15
Frostburg Normal School	39,060.00	38,035.00	$1,025.00	.....
Salisbury Normal School	.....	252.95	.....	252.95
Maryland Normal and Industrial School, Bowie	63,209.05	63,209.05	.....	.....
Bureau of Educational Measurements	14,200.97	14,233.31	.....	32.34
Vocational Education	20,716.97	20,716.97	.....	.....
Physical and Health Education	12,500.00	12,500.00	.....	.....
Consultant Architect	1,500.00	1,500.00	.....	.....
Supervision of Colored Schools	6,722.00	7,028.74	.....	306.74
Extension Teaching	12,000.00	12,000.00	.....	.....
Examination and Certification of Teachers	2,500.00	2,500.00	.....	.....
State Board of Education	1,000.00	1,000.00	.....	.....
Publications and Printing	8,000.00	7,500.00	500.00	.....
Pensions for Retired Teachers	84,235.13	79,128.26	5,106.87	.....
Julius Rosenwald Fund	15,300.00	9,900.00	5,400.00	.....
	$585,374.61	$575,311.99	$12.031.87	$1,969.25
Less Sundry Deficits			1,969.25	
Balance, September 30, 1923			$10,062.62	

BANK BALANCES

Second National Bank of Towson, Maryland	$1.271.64
Denton National Bank of Denton, Maryland	21.91
Citizens National Bank of Frostburg, Maryland	2,540.92
Farmers National Bank of Annapolis, Maryland	5,106.87
Baltimore County Bank of Towson, Maryland	106.91
Maryland State Normal School, Towson—Petty Cash	1,000.00
State Department of Education—Petty Cash	14.37
Cash Balance in Banks, September 30, 1923	$10,062.62

STATE DEPARTMENT OF EDUCATION

Receipts from all sources		$67,470.22
DISBURSEMENTS:		
Salaries	$36,882.27	
Rent of Offices	4,899.96	
Postage	913.94	
Office Supplies and Stationery	1,289.71	
Office Expenses	731.12	
Telephone and Telegraph	490.24	
Books and Periodicals	206.58	

*This statement, and the supporting schedules, are taken from the audit for the Fiscal Year ending September 30, 1923, made by Haskins & Sells, Certified Public Accountants, and submitted to the State Board of Education under date of November 14, 1923.

Traveling and Automobile Expenses	9,008.62	
Association and Convention Dues	165.00	
Freight and Expressage	16.22	
Printing	69.53	
Audit of Accounts	1,074.73	
Miscellaneous	26.52	
Total Disbursements	$55,774.44	
Transferred to Towson Normal School	8,588.03	
Deficit, October 1, 1922	3,055.82	
Adjustment applicable to previous year	7.00	
		67,525.29
Deficit, September 30, 1923		$55.07

MARYLAND STATE NORMAL SCHOOL, TOWSON

Receipts from all sources		$236,960.27
DISBURSEMENTS:		
Regular Session Salaries	$105,205.59	
Summer School Salaries	5,705.00	
General Repairs	6,770.28	
Postage	379.60	
Office Supplies and Stationery	1,111.79	
Printing	1,282.23	
Janitors' Supplies	406.59	
Telephone and Telegraph	791.75	
Advertising and Administration Expense	1,125.68	
Engineers' Supplies and Expenses	1,036.62	
Bonds and Insurance	382.65	
Dormitory Refurnishings	722.27	
School Supplies	1,001.10	
Music Supplies and Expenses	929.52	
Health and Sanitation	524.75	
Refund of Board and Tuition	541.76	
Traveling Expense	19.31	
Books and Periodicals	1,466.91	
Automobile and Expenses	3,716.95	
Freight and Express	122.44	
Fuel	13,706.24	
Light, Power, and Water	5,185.54	
Food	45,468.75	
Provender and Fodder	26.82	
Commencement Expenses	208.78	
Medical and Surgical Supplies	456.68	
Laboratory Supplies	1,541.11	
Household Supplies	6,176.09	
Agricultural Implements and Supplies	771.81	
Livestock	83.10	
Laundry Supplies	1,752.43	
Roads, Sewers and Grounds	3,392.70	
Petty Cash	1,000.00	
Note and Discount	25,269.58	
		238,282.42
Deficit, September 30, 1923		$1,322.15

FROSTBURG NORMAL SCHOOL.

Receipts from all sources		$39,060.00
DISBURSEMENTS:		
Salaries	$16,054.18	
Postage	40.55	
Office Supplies and Stationery	63.51	
Printing	36.50	
Repairs	986.93	
Telephone and Telegraph	129.49	
Rent	431.50	
Travel	334.03	
Commencement Expenses	77.40	
Books and Periodicals	1,258.11	
Summer School	4,085.00	
Freight and Express	77.66	
Fuel	1,194.84	
Light and Water	720.35	
Student Sustenance Fund	4,000.00	
Desks, Tables, Chairs, etc	946.15	
Miscellaneous	17.50	
Classroom Supplies	29.19	
Laboratory Supplies	107.19	
Household Supplies	644.98	
Total Disbursements	$31,235.06	
Deficit, October 1, 1922	5,015.29	
Transferred to Towson Normal School	1,784.65	
		38,035.00
Balance, September 30, 1923		$1,025.00

SALISBURY NORMAL SCHOOL.

Disbursements for sundry purposes	$252.95
Deficit, September 30, 1923	252.95

MARYLAND NORMAL AND INDUSTRIAL SCHOOL, BOWIE.

Receipts from all sources		$63,209.05
DISBURSEMENTS:		
Salaries	$7,971.25	
Postage	32.53	
Office Supplies and Stationery	19.51	
Printing	167.69	
Janitor and Engineer Supplies	725.56	
Telephone and Telegraph	.70	
Feed and Fodder	194.87	
Light	375.08	
Rent	420.00	
Rebuilding	23,521.85	
Miscellaneous Supplies	156.71	
Commencement Expenses	12.60	
School Supplies	20.06	
Furniture and Fixtures	2,382.27	
Books and Periodicals	611.18	
Traveling Expenses	82.56	

Freight and Express	48.19	
Fuel	2,541.66	
Well and Water Supply	1,203.99	
Student Sustenance Fund	2,674.00	
Repairs	2,458.37	
New Heating Plant	834.88	
Medical and Surgical Supplies	6.76	
Laboratory Supplies	90.37	
Household Supplies	929.31	
Agricultural Supplies	1,445.05	
Livestock	271.09	
Social Hygiene	2,610.50	
Total Disbursements	$51,808.59	
Deficit, October 1, 1922	7,080.00	
Transferred to Towson Normal School	4,320.46	
		63,209.05

BUREAU OF EDUCATIONAL MEASUREMENTS.

Receipts from all sources		$14,200.97
DISBURSEMENTS:		
Salaries	$6,162.48	
Traveling Expenses	1,483.46	
Clerical Assistants	1,172.89	
Supplies and Tests	1,750.04	
Postage	120.00	
Tabulating age-grade study	352.35	
Printing	191.00	
Filing Boxes and Cards	1,923.58	
Furniture and Fixtures	60.00	
Freight and Express	3.73	
Total Disbursements	$13,219.53	
Deficit, October 1, 1922	1,013.78	
		14,233.31
Deficit, September 30, 1923		$32.34

VOCATIONAL EDUCATION.

Receipts from all sources		$20,716.97
DISBURSEMENTS:		
Salary of Director	$4,999.92	
Clerical Assistance	500.00	
Traveling Expenses	1,494.16	
Supplies	50.60	
Postage	70.00	
Automobile	1,178.35	
Aid to Sundry Counties	11,970.61	
Federal Reimbursement	453.33	
		20,716.97

PHYSICAL AND HEALTH EDUCATION.

Receipts from State appropriation	$12,500.00
Disbursements: Playground Athletic League, Inc.	12,500.00

CONSULTANT ARCHITECT.

Receipts from State appropriation	$1,500.00
Disbursements	1,500.00

SUPERVISION OF COLORED SCHOOLS.

Receipts from General Education Board		$6,722.00
DISBURSEMENTS:		
Salaries	$3,520.76	
Traveling Expenses	1,219.97	
Teacher Training Centers	1,722.00	
Refund to General Education Board	545.66	
	$7,008.39	
Deficit, October 1, 1922	20.35	
		7,028.74
Deficit, September 30, 1923		$306.74

EXTENSION TEACHING.

Receipts from State appropriation		$12,000.00
DISBURSEMENTS:		
Salaries	$687.50	
Postage	145.00	
Traveling Expenses	297.56	
Supplies	89.32	
Extension Teaching Centers	6,575.09	
Total Disbursements	$7,794.47	
Transferred to Towson Normal School	4,205.53	
		$12,000.00

EXAMINATION AND CERTIFICATION OF TEACHERS.

Receipts from State appropriation		$2,500.00
DISBURSEMENTS:		
Supplies	$803.30	
Postage	235.00	
Marking Examination Papers	1,007.00	
Rent	25.00	
Clerical Assistants	119.00	
Total Disbursements	$2,189.30	
Transferred to Towson Normal School	310.70	
		2,500.00

STATE BOARD OF EDUCATION.

Receipts from State appropriation		$1,000.00
DISBURSEMENTS:		
Expenses of State Board members	$961.94	
Transferred to Towson Normal School	38.06	
		1,000.00

BUREAU OF PUBLICATIONS AND PRINTING.

Receipts from State appropriation		$8,000.00
DISBURSEMENTS:		
Sundry Printing: Annual Report, Bulletins, etc	$7,114.00	
Transferred to Towson Normal School	386.00	
		7,500.00
Balance, September 30, 1923		$500.00

PENSIONS FOR RETIRED TEACHERS.

Receipts from all sources	$84,235.13
Pensions paid during fiscal year	79,128.26
Balance, September 30, 1923	$5,106.87

JULIUS ROSENWALD FUND.

Receipts from Rosenwald Fund	$15,300.00
Disbursements to Sundry Counties	9,900.00
Balance, September 30, 1923	$5,400.00

TABLE I.

1923 INDEX NUMBERS FOR ALL SCHOOLS

Standing of Each County and Baltimore City in Each Component of the Index Number for 1923

COUNTY	STANDING IN COMPONENTS OF THE 1923 INDEX NUMBER—ALL SCHOOLS										1923 Index Number
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
Allegany	54.8	51.6	94.1	42.3	60.4	97.6	53.5	115.4	102.7	109.3	78.2
Anne Arundel	56.2	49.7	88.5	22.1	64.2	51.7	43.9	86.8	87.4	76.4	62.7
Baltimore	58.0	55.5	95.6	27.2	87.8	84.7	49.2	109.0	70.4	127.5	76.5
Calvert	48.7	42.2	86.7	21.5	74.4	41.6	20.3	41.6	21.1	62.1	46.0
Caroline	66.3	59.6	89.8	40.5	64.5	48.6	32.2	52.3	30.1	72.2	55.6
Carroll	61.1	55.9	91.6	34.0	74.4	62.0	37.9	55.1	39.4	75.2	58.7
Cecil	57.0	54.6	95.9	34.5	80.6	61.9	35.3	57.3	28.7	88.2	59.4
Charles	40.6	34.3	84.4	10.4	78.8	44.0	17.9	40.7	23.8	59.3	43.4
Dorchester	54.9	48.3	87.8	34.65	69.4	47.65	26.2	44.8	25.6	65.6	50.5
Frederick	61.0	56.2	92.1	39.45	91.8	71.0	43.4	73.9	63.8	81.4	67.4
Garrett	62.0	55.1	88.8	23.8	84.8	57.6	35.7	45.7	39.2	60.4	55.3
Harford	61.2	58.5	95.5	34.1	69.3	51.9	31.7	53.1	25.4	80.3	56.1
Howard	51.4	46.5	90.6	26.3	62.4	51.3	26.3	52.0	31.2	72.3	51.0
Kent	59.5	52.8	88.8	30.3	66.0	60.6	36.1	50.2	33.7	72.5	55.1
Montgomery	51.2	45.7	89.3	27.2	68.5	71.1	36.4	79.5	62.6	89.0	62.1
Prince George's	53.9	49.7	92.1	25.2	74.4	69.8	37.6	78.6	72.0	75.9	62.9
Queen Anne's	57.7	53.3	92.3	36.7	64.7	57.5	33.2	54.2	29.8	80.2	56.0
St. Mary's	37.4	32.0	85.6	2.1	50.0	39.5	14.8	34.7	22.5	49.6	36.8
Somerset	61.6	52.9	85.9	24.5	88.1	35.7	22.0	43.0	17.5	64.8	49.6
Talbot	64.5	57.2	88.7	36.4	79.2	65.0	41.9	69.3	57.2	77.6	63.7
Washington	59.9	54.7	91.3	33.9	94.4	47.4	28.4	57.3	23.7	85.9	57.7
Wicomico	66.4	59.9	90.1	45.4	69.5	49.1	32.6	54.4	30.3	75.2	57.3
Worcester	62.0	53.9	86.9	36.1	61.0	47.9	29.7	46.8	26.0	68.2	51.9
County Average	57.2	52.1	91.0	31.7	74.7	62.8	36.7	68.1	50.6	82.6	60.7
Baltimore City	51.7	48.6	94.0	34.6	90.6	117.4	60.6	140.8	122.4	134.8	89.6
State Average	54.7	50.5	92.4	33.0	81.4	86.8	47.5	96.9	81.3	103.3	72.8

Column

1. Children 5 and under 18 years in average attendance.
2. Average days attended by each child 5 and under 18 years divided by 2.
3. Average days schools were open divided by 2.
4. Per cent of attendance in high school, multiplied by three in the case of systems having an eight-grade elementary school course, and by 2.75 in the case of those having a seven-grade elementary school course.
5. Ratio of boys to girls in high school.
6. Total expenditure per child in average attendance.
7. Total expenditure per child 5 and under 18 years.
8. Total expenditure per teacher, principal, and supervisor, divided by 24.
9. Expenditure other than salaries per child in attendance, multiplied by 2.
10. Average monthly salary per teacher, principal, and supervisor.

TABLE II

RANK IN 1923 INDEX NUMBER FOR ALL SCHOOLS

Rank of Each County and Baltimore City in Each Component of the Index Number for 1923

COUNTY	RANK IN COMPONENTS OF THE 1923 INDEX NUMBER—ALL SCHOOLS										Rank in 1923 Index Number
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
Allegany	17	15	4	2	22	1	1	1	1	2	1
Anne Arundel	15	16	7	20	19	14	3	3	2	10	6
Baltimore	12	7	2	14	4	2	2	2	4	1	2
Calvert	21	21	20	21	9	19	20	22	22	21	21
Caroline	2	2	12	3	18	16	14	14	13	16	14
Carroll	8	6	8	10	9	7	6	10	8	12	9
Cecil	14	10	1	9	7	8	11	8	15	4	8
Charles	22	22	23	22	8	21	22	23	19	22	22
Dorchester	16	18	18	8	13	19	19	19	17	18	19
Frederick	9	5	6	4	2	4	4	6	5	6	3
Garrett	4	8	14	19	5	10	10	18	9	21	15
Harford	7	3	3	11	14	12	15	13	18	7	12
Howard	19	19	10	16	20	13	18	15	12	15	18
Kent	11	14	15	13	16	9	9	16	10	14	16
Montgomery	20	20	13	14	15	3	8	4	6	3	7
Prince George's	18	17	7	17	9	5	7	5	3	11	5
Queen Anne's	13	12	5	5	17	11	12	12	14	8	13
St. Mary's	23	23	22	23	23	22	23	20	21	23	23
Somerset	6	13	21	18	3	23	21	21	23	19	20
Talbot	3	4	16	6	6	6	5	7	7	9	4
Washington	10	9	9	12	1	18	17	8	20	5	10
Wicomico	1	1	11	1	12	15	13	11	11	12	11
Worcester	5	11	19	7	21	17	16	17	16	16	17

Column
1. Children 5 and under 18 years in average attendance.
2. Average days attended by each child 5 and under 18 years.
3. Average days schools were open.
4. Per cent of attendance in high school.
5. Ratio of boys to girls in high school.
6. Total expenditure per child in average attendance.
7. Total expenditure per child 5 and under 18 years.
8. Total expenditure per teacher, principal, and supervisor.
9. Expenditure other than salaries per child in attendance.
10. Average monthly salary per teacher, principal, and supervisor.

TABLE III

1923 INDEX NUMBER FOR WHITE SCHOOLS

Standing of Each County and Baltimore City in Each Component of the Index Number for 1923

COUNTY	STANDING IN COMPONENTS OF THE 1923 INDEX NUMBER—WHITE SCHOOLS										1923 Index Number
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
Allegany	53.0	51.7	94.0	42.4	61.6	98.2	54.0	116.4	104.4	109.3	78.7
Anne Arundel	56.4	52.6	93.2	28.4	68.2	97.2	54.9	106.1	112.4	89.4	75.9
Baltimore	59.4	56.9	95.8	30.3	87.8	85.6	50.8	111.1	69.8	131.6	77.9
Calvert	52.3	48.4	92.5	37.9	74.4	62.4	32.7	54.4	33.0	79.8	56.8
Caroline	68.2	63.0	92.3	50.2	64.3	55.5	37.9	59.2	34.6	81.4	60.5
Carroll	61.0	56.0	91.8	35.6	74.4	63.5	38.8	56.4	40.4	77.0	59.5
Cecil	57.8	55.6	96.1	38.7	80.6	64.2	37.2	60.4	29.2	93.3	61.3
Charles	42.5	38.2	89.8	16.7	81.8	59.1	25.2	47.0	27.4	72.3	50.0
Dorchester	56.3	51.5	91.5	43.4	70.8	57.4	32.3	53.4	30.64	78.2	56.5
Frederick	59.9	56.0	93.5	42.6	93.3	74.4	44.6	77.6	66.2	86.1	69.4
Garrett	62.2	55.3	88.8	23.6	84.8	57.6	35.8	45.7	39.16	60.4	55.3
Harford	61.7	56.0	97.3	40.1	69.3	54.4	33.6	55.7	24.52	86.2	57.9
Howard	51.5	48.5	94.0	33.7	62.4	58.7	30.3	56.8	34.94	79.8	55.1
Kent	62.9	54.8	93.4	41.1	71.8	75.9	47.8	60.1	42.8	86.2	63.7
Montgomery	49.6	46.7	94.2	36.7	68.5	89.3	44.3	92.2	81.6	100.2	70.3
Prince George's	55.6	52.4	94.2	33.8	74.4	81.0	45.0	87.2	83.2	84.5	69.1
Queen Anne's	63.4	61.1	96.3	49.2	64.6	70.1	44.5	61.2	37.04	89.8	63.7
St. Mary's	40.4	37.2	92.1	3.3	50.0	48.0	19.4	42.5	27.8	60.4	42.1
Somerset	59.4	53.0	89.3	39.6	88.0	48.0	28.5	60.0	23.68	76.7	56.6
Talbot	63.3	58.8	92.9	51.8	81.0	87.2	55.2	86.1	80.5	92.8	75.0
Washington	60.6	55.3	91.3	34.8	94.4	47.8	28.9	58.2	24.1	87.2	58.3
Wicomico	63.9	60.0	93.8	54.4	70.0	57.8	37.0	60.5	35.6	83.7	61.7
Worcester	60.7	55.0	90.5	54.4	61.0	61.5	37.4	53.0	30.9	79.6	58.4
County Average	58.0	54.2	93.3	37.8	75.5	71.5	41.5	74.5	56.7	90.1	65.3
Baltimore City	51.2	48.2	94.0	36.2	98.6	122.3	62.7	144.5	131.3	133.8	92.3
State Average	54.8	51.3	93.7	37.1	84.5	93.6	51.3	102.7	89.1	107.8	76.6

Column

1. Children 5 and under 18 years in average attendance.
2. Average days attended by each child 5 and under 18 years divided by 2.
3. Average days schools were open divided by 2.
4. Per cent of attendance in high school, multiplied by 3 in the case of systems having an eight-grade elementary school course, and by 2.75 in the case of those having a seven-grade elementary school course.
5. Ratio of boys to girls in high school.
6. Total expenditure per child in average attendance.
7. Total expenditure per child 5 and under 18 years.
8. Total expenditure per teacher, principal, and supervisor, divided by 24.
9. Expenditure other than salaries per child in attendance, multiplied by 2.

TABLE IV

RANK IN 1923 INDEX NUMBER FOR WHITE SCHOOLS

Rank of Each County and Baltimore City in Each Component of the 1923 Index Number

COUNTY	RANK IN COMPONENTS OF THE 1923 INDEX NUMBER—WHITE SCHOOLS										Rank in 1923 Index Number
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
Allegany	18	17	7	8	21	1	3	1	2	2	1
Anne Arundel	15	15	12	20	17	2	2	3	1	7	3
Baltimore	12	5	4	19	4	5	4	2	6	1	2
Calvert	19	20	14	13	9	12	16	16	15	15	17
Caroline	1	1	15	4	10	19	11	13	14	14	12
Carroll	8	6	17	15	9	11	10	15	9	19	13
Cecil	14	9	3	11	8	10	13	10	18	4	11
Charles	22	22	21	22	6	14	20	21	20	21	22
Dorchester	16	18	18	6	13	18	17	10	17	18	19
Frederick	11	6	10	7	2	8	7	7	7	11	6
Garrett	6	10	23	21	5	17	3	22	10	22	20
Harford	7	6	1	10	15	20	15	18	21	9	16
Howard	20	19	7	18	20	15	19	17	13	15	21
Kent	5	13	11	9	12	7	5	11	8	9	9
Montgomery	21	21	5	14	16	3	9	4	4	3	5
Prince George's	17	16	5	16	9	6	6	5	3	12	7
Queen Anne's	3	2	2	5	18	9	8	8	11	6	8
St. Mary's	23	23	16	23	23	21	23	23	19	22	23
Somerset	12	14	22	11	3	21	22	12	23	20	18
Talbot	4	4	13	3	6	4	1	6	5	5	4
Washington	10	10	19	16	1	23	21	14	22	8	15
Wicomico	2	3	9	1	14	16	14	9	12	13	10
Worcester	9	12	20	1	22	13	12	20	16	17	14

Column
1. Children 5 and under 18 years in average attendance.
2. Average days attended by each child 5 and under 18 years.
3. Average days schools were open.
4. Per cent of attendance in high school.
5. Ratio of boys to girls in high school.
6. Total expenditure per child in average attendance.
7. Total expenditure per child 5 and under 18 years.
8. Total expenditure per teacher, principal, and supervisor.
9. Expenditure other than salaries per child in attendance.
10. Average monthly salary per teacher, principal, and supervisor.

TABLE V

1923 INDEX NUMBER FOR COLORED SCHOOLS

Standing of Each County and Baltimore City in Each Component of the Index Number for 1923

COUNTY	STANDING IN COMPONENTS OF THE 1923 INDEX NUMBER—COLORED SCHOOLS										1923 Index Number
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
Allegany	46.6	44.2	94.7	40.6	20.0	70.8	33.0	71.3	32.4	110.1	56.4
Anne Arundel	55.7	43.5	78.1	7.2	38.1	34.7	19.4	40.4	30.6	45.2	39.3
Baltimore	48.1	45.2	93.9	----	----	77.6	37.3	91.9	75.2	94.7	56.4
Calvert	45.1	35.8	79.6	----	----	16.55	7.5	20.2	6.7	32.2	24.4
Caroline	60.2	48.3	80.2	5.0	72.7	23.2	14.0	26.0	13.7	36.7	38.0
Carroll	62.5	55.0	87.9	----	----	34.8	21.8	30.8	20.1	43.8	35.7
Cecil	50.4	47.8	94.8	----	----	43.7	22.0	35.7	24.4	51.4	37.0
Charles	38.3	29.7	77.6	3.2	63.6	24.7	9.5	29.4	19.1	36.1	33.1
Dorchester	52.0	41.2	79.2	13.7	59.2	24.7	12.8	23.9	13.7	34.5	35.5
Frederick	71.9	58.8	81.7	12.9	58.8	43.0	30.9	43.7	43.4	43.3	48.8
Garrett	----	----	----	----	----	----	----	----	----	----	----
Harford	58.6	50.0	85.3	----	----	38.0	22.2	39.0	30.6	46.5	37.0
Howard	50.6	39.6	78.4	----	----	25.4	12.8	30.8	18.1	39.5	29.5
Kent	53.3	41.7	78.3	6.6	25.0	26.8	14.3	24.8	13.5	37.1	32.1
Montgomery	56.4	42.5	75.3	----	----	19.3	10.9	28.2	8.6	43.9	28.5
Prince George's	49.8	42.6	85.6	----	----	37.0	18.4	48.3	39.2	45.6	36.7
Queen Anne's	45.8	37.0	80.8	----	----	20.9	9.6	25.7	8.7	40.7	26.9
St. Mary's	32.8	24.1	73.5	----	----	23.8	7.8	20.6	12.7	30.2	22.6
Somerset	65.5	52.7	80.4	----	----	15.9	10.4	24.5	7.6	37.3	29.4
Talbot	66.6	53.8	80.8	7.6	53.8	23.4	15.6	29.2	13.4	41.8	38.6
Washington	45.0	40.6	90.1	----	----	32.7	14.7	31.4	8.6	54.5	31.8
Wicomico	75.1	59.7	79.4	19.3	64.8	23.8	17.85	31.9	15.0	43.6	43.1
Worcester	64.7	51.5	79.5	----	----	21.2	13.75	28.1	16.4	34.4	31.0
County Average	53.8	43.7	81.3	4.7	51.0	30.4	16.4	35.6	22.9	44.5	38.4
Baltimore City	54.6	51.5	94.2	26.4	49.4	90.2	49.3	118.8	73.6	140.8	74.9
State Average	54.1	46.7	86.4	13.2	49.8	53.7	29.1	65.7	42.6	79.3	52.1

Column
1. Children 5 and under 18 years in average attendance.
2. Average days attended by each child 5 and under 18 years divided by 2.
3. Average days schools were open divided by 2.
4. Per cent of attendance in high school, multiplied by 3 in the case of systems having an eight-grade elementary school course, and by 2.75 in the case of those having a seven-grade elementary school course.
5. Ratio of boys to girls in high school.
6. Total expenditure per child in average attendance.
7. Total expenditure per child 5 and under 18 years.
8. Total expenditure per teacher, principal, and supervisor, divided by 24.
9. Expenriture other than salaries per child in attendance, multiplied by 2.

TABLE VI

RANK IN 1923 INDEX NUMBER FOR COLORED SCHOOLS

Rank of Each County and Baltimore City in Each Component of the 1923 Index Number

COUNTY	RANK IN COMPONENTS OF THE 1923 INDEX NUMBER—COLORED SCHOOLS										Rank in 1923 Index Number
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
Allegany	17	11	2	1	9	2	3	2	4	1	2
Anne Arundel	10	12	19	6	7	8	7	5	5	7	5
Baltimore	16	10	3	----	----	1	1	1	1	2	1
Calvert	19	20	13	----	----	21	22	21	22	21	21
Caroline	7	8	11	8	1	17	13	15	13	17	7
Carroll	6	3	5	----	----	7	6	9	8	8	11
Cecil	14	9	1	----	----	3	5	7	7	4	9
Charles	21	21	20	10	3	12	20	11	9	18	13
Dorchester	12	15	16	3	4	12	15	19	13	19	12
Frederick	2	2	8	4	5	4	2	4	2	11	3
Garrett	----	----	----	----	----	----	----	----	----	----	----
Harford	8	7	7	----	----	5	4	6	5	5	8
Howard	13	18	17	----	----	11	15	10	10	14	17
Kent	11	16	18	7	8	10	11	17	15	16	14
Montgomery	9	14	21	----	----	20	17	13	19	10	19
Prince George's	15	13	6	----	----	6	8	3	3	6	10
Queen Anne's	18	19	9	----	----	19	19	16	18	13	20
St. Mary's	22	22	22	----	----	14	21	20	17	22	22
Somerset	4	5	12	----	----	22	18	18	21	15	18
Talbot	3	4	9	5	6	16	10	12	16	12	6
Washington	20	17	4	----	----	9	12	9	19	3	15
Wicomico	1	1	15	2	2	14	9	8	12	9	4
Worcester	5	6	14	----	----	18	14	14	11	20	16

Column
1. Children 5 and under 18 years in average attendance.
2. Average days attended by each child 5 and under 18 years.
3. Average days schools were open.
4. Per cent of attendance in high school.
5. Ratio of boys to girls in high school.
6. Total expenditure per child in average attendance.
7. Total expenditiure per child 5 and under 18 years.
8. Total expenditure per teacher, principal and supervisor.
9. Expenditure other than salaries per child in attendance.
10. Average monthly salary per teacher, principal and supervisor.

TABLE VII

NUMBER OF SCHOOL BUILDINGS, CLASSROOMS AND SEATS FOR THE YEAR ENDING JULY 31, 1922

COUNTIES	NUMBER OF SCHOOL BUILDINGS							CLASSROOMS OCCUPIED			NUMBER OF SEATS OR SITTINGS				
	White			Colored							White				
	Owned	Rented	Total	Owned	Rented	Total	Grand Total	White	Colored	Total	Elementary	High	Total	Colored	Grand Total
Allegany	102	2	104	4	---	4	108	373	10	383	11,745	1,739	13,484	333	13,817
Anne Arundel	58	1	59	29	13	42	101	----	----	----	----	----	----	----	----
Baltimore	154	4	158	15	15	30	188	363	43	406	13,892	1,514	15,406	1,970	17,376
Calvert	33	2	35	20	1	21	56	41	23	64	1,105	140	1,245	1,009	2,254
Caroline	52	--	52	20	--	20	72	111	28	139	3,600	650	4,250	1,375	5,625
Carroll	124	5	129	7	4	11	140	230	11	241	7,000	650	7,650	550	8,200
Cecil	71	1	72	13	1	14	86	134	19	153	4,053	615	4,668	729	5,397
Charles	49	3	52	28	4	32	84	70	37	107	2,800	120	2,920	1,640	4,560
Dorchester	78	--	78	36	5	41	119	134	54	188	4,200	375	4,575	2,200	6,775
Frederick	140	3	143	24	3	27	170	314	36	350	10,374	1,203	11,577	1,177	12,754
Garrett	142	8	150	--	--	--	150	205	----	205	5,602	451	6,053	----	6,053
Harford	72	1	73	14	5	19	92	153	27	180	4,720	940	5,660	870	6,530
Howard	47	--	47	7	7	14	61	74	18	92	1,940	253	2,193	737	2,930
Kent	38	--	38	21	5	26	64	87	31	118	1,850	300	2,150	1,380	3,530
Montgomery	64	1	65	26	7	33	98	148	37	185	4,980	750	5,730	2,200	7,930
Prince George's	73	1	74	42	--	42	116	206	60	266	7,500	800	8,300	3,000	11,300
Queen Anne's	53	3	56	18	3	21	77	97	23	120	3,010	526	3,536	1,090	4,626
St. Mary's	50	3	53	22	10	32	85	64	35	99	2,220	24	2,244	1,280	3,524
Somerset	47	4	51	26	3	29	80	106	45	151	3,182	474	3,656	2,378	6,034
Talbot	35	--	35	20	2	22	57	85	35	120	3,850	500	4,350	1,800	6,150
Washington	124	2	126	7	2	9	135	314	12	326	10,920	1,400	12,320	460	12,780
Wicomico	69	4	73	20	4	24	97	157	41	198	4,395	920	5,315	1,807	7,122
Worcester	60	--	60	20	7	27	87	129	43	172	3,166	659	3,825	2,142	5,967
Total Counties	1,735	48	1,783	439	101	540	2,323	3,595	668	4,263	116,104	15,003	131,107	30,127	161,234
Baltimore City	141	8	†149	26	11	37	†186	*2,086	*321	*2,407	79,702	8,386	‡88,088	‡13,667	‡101,755
Total State	1,876	56	†1,932	465	112	577	†2,509	*5,681	*989	*6,670	195,806	23,389	‡219,195	‡43,794	‡262,989

* Excludes 11 rooms in white and 7 in colored teachers' training schools.
† The building used for the white teachers' training school in Baltimore City is excluded above.
‡ Excludes 402 seats in white and 226 seats in colored teachers' training schools.

TABLE VIII

NUMBER OF SCHOOLS FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	WHITE						COLORED						Grand Total	Schools Closed by Consolidation or by Low Attendance			Schools Newly Organized or Reopened		
	Elementary				High Schools	Total	Elementary				High Schools	Total							
	One Teacher	Two Teachers	Three or More Teachers	Total			One Teacher	Two Teachers	Three or More Teachers	Total				White	Colored	Total	White	Colored	Total
Allegany	50	15	33	98	9	107	--	1	1	2	1	3	110	*1	--	1	4	--	4
Anne Arundel	31	12	15	57	2	59	29	11	1	41	1	42	101	*5	*1	6	1	--	1
Baltimore	38	37	34	109	7	116	22	4	3	29	--	29	145	*3	*1	4	1	--	1
Calvert	30	3	--	33	3	36	18	3	--	21	--	21	57	--	--	--	--	--	--
Caroline	29	8	9	46	6	52	15	3	2	20	1	21	73	4	--	4	1	--	1
Carroll	95	12	14	121	10	131	8	2	--	10	--	10	141	*1	*1	2	4	--	4
Cecil	49	8	7	64	8	72	11	2	1	14	--	14	86	*3	--	3	--	--	--
Charles	41	9	1	51	2	53	29	2	1	32	1	33	86	1	--	1	--	--	--
Dorchester	48	11	8	67	6	73	32	8	1	41	1	42	115	*11	**2	13	--	--	--
Frederick	96	23	17	136	11	147	20	4	2	26	1	27	174	*2	--	2	1	1	2
Garrett	125	15	6	146	5	151	--	--	--	--	--	--	151	--	--	--	1	--	1
Harford	52	13	7	72	7	79	14	4	1	19	--	19	98	1	--	1	--	1	1
Howard	31	6	5	42	5	47	11	2	1	14	--	14	61	*1	1	2	1	--	1
Kent	24	4	7	35	5	40	20	3	1	24	1	25	65	--	--	--	--	--	--
Montgomery	39	13	13	65	8	73	29.2	2	1	32.2	--	32.2	105.2	--	--	--	1	--	1
Prince George's	35	18	18	71	8	79	29	8	4	41	--	41	120	1	--	1	1	--	1
Queen Anne's	36	7	5	48	5	53	20	--	1	21	--	21	74	1	--	1	--	--	--
St. Mary's	44	8	1	53	1	54	24	5	--	29	--	29	83	1	*1	2	3	1	4
Somerset	30	8	9	47	5	52	19	7	3	29	--	29	81	1	--	1	--	--	--
Talbot	15	6	8	29	5	34	16	4	2	22	1	23	57	*4	*1	5	--	--	--
Washington	78	19	22	119	7	126	8	--	1	9	--	9	135	1	--	1	--	--	--
Wicomico	42	8	11	61	8	69	12	5	3	20	1	21	90	1	--	1	--	1	1
Worcester	35	7	7	49	6	55	8	2	--	10	--	10	141	1	*2	3	--	--	--
Total Counties	1,093	270	257	1,619	139	1,758	403.2	84	34	521.2	9	530.2	2,288.2	44	10	54	19	6	25
Baltimore City	----	---	---	119	4	123	--	--	--	26	1	27	150	3	--	3	--	--	--
Total State	1,093	270	257	1,738	143	1,881	403.2	84	34	547.2	10	557.2	2,438.2	47	10	57	19	6	25

*One school closed for low attendance.

TABLE IX

TOTAL ENROLLMENT EXCLUDING DUPLICATES FOR THE SCHOOL YEAR ENDING JULY 31, 1923.

COUNTY	WHITE SCHOOLS							COLORED SCHOOLS							
	Elementary and Junior High			HIGH			Total White	ELEMENTARY			HIGH			Total Colored	Grand Total
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total		
Allegany	5,629	5,478	11,107	644	1,021	1,665	12,772	130	137	267	6	30	36	303	13,075
Anne Arundel	2,558	2,389	4,947	187	267	454	5,401	1,443	1,410	2,853	16	42	58	2,911	8,312
Baltimore	6,995	6,338	13,333	708	804	1,512	14,845	952	990	1,942	----	----	----	1,942	16,787
Calvert	538	522	1,060	61	82	143	1,203	706	637	1,343	----	----	----	1,343	2,546
Caroline	1,628	1,397	3,025	237	360	597	3,622	630	558	1,188	8	11	19	1,207	4,829
Carroll	3,103	2,799	5,902	527	448	775	6,677	216	224	440	----	----	----	440	7,117
Cecil	1,764	1,641	3,405	228	286	514	3,919	253	295	548	----	----	----	548	4,467
Charles	951	852	1,803	45	54	99	1,902	876	927	1,803	7	11	18	1,821	3 723
Dorchester	1,735	1,697	3,432	231	327	558	3,990	1,005	942	1,947	29	49	78	2,025	6,015
Frederick	4,368	4,137	8,505	685	736	1,421	9,926	589	561	1,150	20	34	54	1,204	11,130
Garrett	2,744	2,629	5,373	207	242	449	5,822	----	----	----	----	----	----	----	5,822
Harford	2,275	2,015	4,290	269	382	651	4,941	451	465	916	----	----	----	916	5,857
Howard	1,191	1,050	2,241	105	179	284	2,525	423	425	848	----	----	----	848	3,373
Kent	874	874	1,748	120	162	282	2,030	597	591	1,188	6	24	30	1,218	3,248
Montgomery	2,329	2,195	4,524	247	362	609	5,133	980	918	1,898	----	----	----	1 898	7,031
Prince George's	3,340	3,081	6,421	354	470	824	7,245	1,345	1,436	2,781	----	----	----	2,781	10,026
Queen Anne's	1,099	1,002	2,101	160	243	403	2,504	561	532	1,093	----	----	----	1,093	3,597
St. Mary's	1,126	991	2,117	8	15	23	2,140	702	703	1,405	----	----	----	1,405	3,545
Somerset	1,574	1,485	3,059	214	248	462	3,521	1,146	1,109	2,255	----	----	----	2,255	5,776
Talbot	1,104	1,001	2,105	196	241	437	2,542	701	672	1,373	14	26	40	1,413	3,955
Washington	5,579	5,280	10,859	623	658	1,281	12,140	182	195	377	----	----	----	377	12,517
Wicomico	2,101	1,885	3,986	374	527	901	4,887	848	827	1,675	46	71	117	1,792	6,679
Worcester	1,565	1,419	2,984	245	404	649	3,633	964	1,124	2,088	----	----	----	2,088	5,721
Total Counties*	56,170	52,157	108,327	6,475	8,518	14,993	123,320	15,700	15,678	31,378	152	298	450	31,828	155,148
	55,007	51,062	106,069	6,421	8,467	14,888	120,957	15,555	15,515	31,070	152	295	447	31,517	152,474
Baltimore City*†‡	41,224	39,408	80,632	4,187	3,837	8,024	88,656	7,591	8,355	15,946	450	905	1,355	17 301	105,957
	40,482	38,642	79,124	4,160	3,782	7,942	87,066	7,476	8,199	15,675	442	889	1,331	17,006	104,072
Entire State*†‡	95,489	89,704	185,193	10,581	12,249	22,830	208,023	23,031	23,714	46,745	594	1,184	1,778	48,523	256,546

*The two sets of figures given for the counties include in the first row the total enrollment including duplicates from other counties and Baltimore City and in the second row the total enrollment exclusive of duplicates from other counties and Baltimore City. The first row for Baltimore City includes duplicates from the counties and the second row excludes them.

†Baltimore City Junior High Schools and Vocational Schools are included under Elementary Schools. The distribution of their enrollment is given below:
Elementary Schools: Including duplicates from the counties, 36,550 boys, 34,446 girls, 70,996 total; Excluding duplicates from the counties, 35,843 boys, 33,720 girls, 69,563 total. Junior High Schools: Including duplicates from the counties, 4,595 boys, 4,962 girls, 9,557 total; Excluding duplicates from the counties, 4,560 boys, 4,922 girls, 9,482 total. There were 79 boys in the vocational school.

‡Baltimore City Training Schools for Teachers are not included in the table above. The figures are given below:
White: Including duplicates from the counties, 10 boys, 418 girls, 428 total; Excluding duplicates from the counties, 10 boys, 408 girls, 418 total.
Colored: Including duplicates from the counties, 49 boys, 176 girls, 225 total; Excluding duplicates from the counties, 49 boys, 172 girls, 221 total.

AVERAGE DAYS IN SESSION, AGGREGATE DAYS OF ATTENDANCE AND AVERAGE DAILY ATTENDANCE FOR YEAR ENDING JULY 31, 1923

COUNTY	AVERAGE DAYS IN SESSION				AGGREGATE DAYS OF ATTENDANCE					AVERAGE DAILY ATTENDANCE						GRAND TOTAL
	WHITE		COLORED		WHITE					WHITE			COLORED			
	Elementary and Junior High	High	Elementary	High	Elementary and Junior High	High	Total	Colored	Grand Total	Elementary and Junior High	High	Total	Elementary	High	Total	
Allegany	187.9	189.8	189.2	190	1,721,641	286,368	2,008,009	545,730	2,053,739	9,161.5	1,508.9	10,670.4	208.7	32.9	241.6	10,912.0
Anne Arundel	187.4	185.9	155.4	184	704,383	73,435	777,818	287,064	1,064,882	3,775.5	395.2	4,170.7	1,792.5	48.1	1,840.6	6,011.3
Baltimore	191.6	192.0	187.9	----	1,938,478	240,961	2,179,439	240,170	2,419,609	10,116.0	1,254.7	11,370.7	1,279.5	-------	1,279.5	12,650.2
Calvert	184.3	189.9	159.1	----	139,575	23,035	162,610	116,093	278,703	757.5	121.4	878.9	729.5	-------	729.5	1,608.4
Caroline	183.7	188.2	160.4	161	425,786	97,532	523,318	125,162	648,480	2,318.1	518.0	2,836.1	766.0	14.1	780.1	3,616.2
Carroll	183.3	184.9	175.7	----	798,543	120,741	919,284	48,451	967,735	4,358.7	648.5	5,007.2	275.8	-------	275.8	5,283.0
Cecil	192.1	192.9	189.5	----	502,492	82,630	585,122	70,492	655,614	2,618.6	428.8	3,047.4	371.9	-------	371.9	3,419.3
Charles	179.1	185.5	155.1	161	228,909	14,564	243,473	163,963	407,436	1,277.8	78.5	1,356.3	1,044.6	12.4	1,057.0	2,413.3
Dorchester	182.9	182.5	157.5	----	467,345	87,668	555,013	202,152	757,165	2,555.2	480.2	3,035.4	1,214.8	63.8	1,278.6	4,314.0
Frederick	187.6	181.7	161.9	191	1,223,482	217,969	1,441,451	151,603	1,593,054	6,519.6	1,199.4	7,719.0	884.2	43.7	927.9	8,646.9
Garrett	177.1	183.4	----	----	647,046	63,447	710,493	-------	710,493	3,654.8	346.1	4,000.9	-------	------	-------	4,000.9
Harford	194.5	194.8	170.5	----	623,775	106,929	730,704	113,436	844,140	3,210.3	548.1	3,758.4	664.2	------	664.2	4,422.6
Howard	187.7	189.2	156.7	----	306,225	43,116	349,341	81,995	431,336	1,630.6	228.0	1,858.6	523.4	------	523.4	2,382.0
Kent	186.7	187.0	156.3	161	256,428	45,058	301,486	114,640	416,126	1,373.9	241.0	1,614.9	715.0	17.6	732.6	2,347.5
Montgomery	188.0	189.9	150.7	----	601,241	93,809	695,050	196,335	891,385	3,198.4	493.9	3,692.3	1,303.9	------	1,303.9	4,996.2
Prince George's	189.3	186.4	171.2	----	908,521	126,126	1,034,647	323,769	1,358,416	4,803.5	677.3	5,480.8	1,891.1	------	1,891.1	7,371.9
Queen Anne's	192.6	192.3	161.6	----	312,561	68,126	380,687	109,676	490,363	1,623.5	354.0	1,977.5	678.0	------	678.0	2,655.5
St. Mary,s	184.1	187.0	147.3	----	251,545	3,087	254,632	109,983	364,615	1,366.1	16.5	1,382.6	747.5	------	747.5	2,130.1
Somerset	178.4	179.4	161.0	----	415,511	70,467	485,978	272,817	758,795	2,329.4	393.0	2,722.4	1,695.3	------	1,695.3	4,417.7
Talbot	185.3	185.7	161.4	164	303,770	70,513	374,283	174,097	548,380	1,639.0	379.7	2,018.7	1,048.4	29.7	1,078.1	3,096.8
Washington	182.5	182.8	180.1	----	1,521,605	200,665	1,722,270	49,875	1,772,145	8,338.4	1,097.0	9,435.4	277.0	------	277.0	9,712.4
Wicomico	187.5	188.0	158.9	152	588,880	145,521	734,401	214,731	949,132	3,140.5	774.0	3,914.5	1,257.8	95.1	1,352.9	5,267.4
Worcester	181.0	182.5	159.0	----	390,139	97,275	487,414	218,918	706,332	2,157.1	533.6	2,690.7	1,376.9	------	1,376.9	4,067.6
Total Counties	186.4	187.0	162.5	171.5	15,277,881	2,379,042	17,656,923	3,431,152	21,088,075	81,924.0	12,715.8	94,639.8	20,746.0	357.4	21,103.4	115,743.2
Baltimore City*	*188.4	184.0	189.1	184.0	*12,355,425	1,300,013	13,655,438	2,538,412	†16,193,850	*65,596	7,066.0	72,662	12,276	1,186.0	13,462.0	†86,124
Entire State†	*187.3	186.0	172.4	181.1	*27,633,306	3,679,055	31,312,361	5,969,564	†37,281,925	*147,520	19,781.8	167,301.8	33,022.0	1,543.4	34,565.4	†201,867.2

*The data for white pupils in elementary, junior high and vocational schools in Baltimore City shown as a total under elementary and junior high schools are distributed below:

School	Average Days in Session	Aggregate Days Attendance	Average Daily Attendance
White Elementary	188.9	10,781,820	57,047
Junior High	183.9	1,548,657	8,417
Vocational	188.9	24,948	132
Total	188.4	12,355,425	65,596

†Data for teachers' training schools not included above are given below:

School	Days in Session	Aggregate Days Attendance	Average Daily Attendance
White Teachers' Training	174	64,923	373.0
Colored Teachers' Training	184	35,906	195.3
Total	177.2	100,829	568.3

TABLE XI

AVERAGE NUMBER BELONGING AND PER CENT. OF ATTENDANCE FOR YEAR ENDING JULY 31, 1923

COUNTY	AVERAGE NUMBER BELONGING							PERCENT. OF ATTENDANCE						
	WHITE SCHOOLS					COLORED SCHOOLS		WHITE SCHOOLS					COLORED SCHOOLS	
	ELEMENTARY AND JUNIOR HIGH							ELEMENTARY AND JUNIOR HIGH						
	With One Teacher	With Two Teachers	With Three or More Teachers	All Elementary and Junior High	High	Elementary	High	With One Teacher	With Two Teachers	With Three or More Teachers	All Elementary and Junior High	High	Elementary	High
Allegany	1,107.9	883.8	8,306.0	10,297.7	1,591.0	238.2	35.2	80.0	87.4	90.3	89.0	94.8	87.4	93.5
Anne Arundel	722.1	671.6	3,069.9	4,463.6	429.1	2,517.0	54.2	78.2	82.4	86.5	84.5	92.1	71.2	88.9
Baltimore	1,312.6	2,514.7	8,211.1	12,038.4	1,374.8	1,694.4	-------	81.6	81.5	85.1	84.0	91.3	75.4	----
Calvert	775.9	172.0	-------	947.9	129.8	1,117.1	-------	79.0	83.9	----	79.9	93.5	65.3	----
Caroline	788.5	422.5	1,468.0	2,679.0	568.0	1,003.0	16.4	85.1	86.2	87.3	86.5	91.2	76.4	85.6
Carroll	2,650.7	676.0	2,157.7	5,484.4	730.5	382.6	-------	76.7	79.0	82.8	79.4	88.7	72.0	----
Cecil	1,192.2	456.6	1,437.6	3,086.4	466.4	498.5	-------	81.9	86.2	86.8	84.8	92.0	74.4	----
Charles	872.5	502.1	232.0	1,606.6	88.4	1,502.7	14.0	75.3	82.4	89.1	79.5	88.7	66.8	88.4
Dorchester	1,143.3	605.3	1,397.2	3,145.8	510.4	1,656.6	73.0	76.3	77.1	87.1	81.2	92.4	73.2	87.4
Frederick	2,735.9	1,105.0	3,960.9	7,801.8	1,310.2	1,044.9	48.3	79.6	80.2	87.3	83.6	91.5	84.6	90.5
Garrett	2,474.3	848.3	1,031.3	4,353.9	383.9	-------	-------	81.5	85.2	88.4	83.9	90.2	----	----
Harford	1,406.2	847.7	1,544.7	3,798.6	601.0	830.6	-------	81.4	84.5	87.0	84.5	91.2	79.9	----
Howard	855.2	342.0	743.4	1,940.6	253.8	737.1	-------	83.6	79.9	86.2	84.0	89.0	71.0	----
Kent	435.2	240.9	907.9	1,584.0	267.0	974.0	20.3	83.7	84.1	88.9	86.7	90.2	73.4	86.3
Montgomery	1,149.1	769.2	1,989.1	3,907.4	554.6	1,610.5	-------	76.2	80.8	85.5	81.9	88.9	80.8	----
Prince George's	970.4	1,026.5	3,678.7	5,675.6	736.6	2,477.6	-------	80.2	83.2	86.1	84.9	91.8	76.4	----
Queen Anne's	832.5	397.0	671.0	1,900.5	385.0	923.0	-------	81.1	87.2	89.5	85.4	91.9	73.1	----
St. Mary's	1,228.4	499.3	106.7	1,834.4	19.0	1,186.9	-------	73.0	79.0	72.0	74.5	86.8	62.9	----
Somerset	877.7	480.6	1,433.5	2,791.8	429.9	2,105.0	-------	80.6	80.2	86.2	83.3	91.4	80.5	----
Talbot	353.1	361.5	1,195.1	1,909.7	407.4	1,236.7	34.0	84.7	82.5	87.1	85.8	93.2	84.3	87.3
Washington	2,120.0	1,126.0	6,576.5	9,822.5	1,178.0	339.0	-------	70.5	80.8	87.7	84.9	93.1	81.7	----
Wicomico	1,206.6	406.8	2,018.8	3,632.2	838.9	1,483.3	105.0	87.3	85.2	89.2	86.5	92.3	84.8	90.5
Worcester	802.0	359.8	1,423.2	2,585.0	581.8	1,718.6	-------	77.4	79.5	87.9	83.5	91.7	80.1	----
Total Counties	28,012.3	15,715.2	53,560.3	97,287.8	13,844.5	27,277.3	400.4	79.3	82.3	87.2	84.2	91.9	76.2	89.3
Baltimore City†	--------	--------	*73,015	*73,015	7,722.0	14,031.0	1,336.0	----	----	*89.8	*89.8	91.5	87.0	88.8
Entire State†	28,012.3	15,715.2	*126,575.3	*170,302.8	21,566.5	41,308.3	1,736.4	79.3	82.3	*88.7	*86.7	91.6	79.9	88.9

*The data for white pupils in elementary, junior high and vocational schools in Baltimore City shown as a total under elementary and junior high schools are distributed below:

School	Average Number Belonging	Per Cent. of Attendance
White Elementary	63,634	89.6
Junior High	9,239	92.9
Vocational	142	91.0
Total	73,015	89.8

†The data for pupils in teachers' training schools not included above are given below:

School	Average Number Belonging	Per Cent. of Attendance
White Training School	385	96.9
Colored Training School	200.9	97.2
Total	585.9	97.0

TABLE XII

NUMBER OF TEACHING POSITIONS FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	WHITE								COLORED								Grand Total	
	Elementary School			High School			Total White Teachers	White Supervisors	Elementary School			High School			Total Colored Teachers	Colored Supervisors	Teachers	Supervisors
	Men	Women	Total	Men	Women	Total			Men	Women	Total	Men	Women	Total				
Allegany	14	287.6	301.6	26	45.4	71.4	373	2	1	5	6	1	3	4	10	--	383	2
Anne Arundel	13	124.7	137.7	2.4	17.3	19.7	157.4	2	8	52	60	2	3	5	65	1	222.4	3
Baltimore	18	283	301	10	48	58	359	6	10	35	45	--	--	--	45	--	404	6
Calvert	----	36	36	4	1	5	41	1	6.6	18	24.6	--	--	--	24.6	.4	65.6	1.4
Caroline	1	81	82	10	17	27	109	2	3	24	27	1	.4	1.4	28.4	.6	137.4	2.6
Carroll	41.2	146.3	187.5	20.8	24.7	45.5	233	2	2	10.4	12.4	--	--	--	12.4	.6	245.4	2.6
Cecil	1	103	104	9	21	30	134	1	3	15.4	18.4	--	--	--	18.4	.6	152.4	1.6
Charles	5	61	66	2	2	4	70	1	4	32	36	1.5	--	1.5	37.5	.5	107.5	1.5
Dorchester	8	102	110	7	18	25	135	1	14	37	51	2	1.4	3.4	54.4	.6	189.4	1.6
Frederick	40	204.1	244.1	27	33.4	60.4	304.5	4	9	26	35	1.2	1	2.2	37.2	.8	341.7	4.8
Garrett	51	136	187	10	11	21	208	2	---	--	------	--	--	--	---	--	208	2
Harford	4	115.8	119.8	13	19.2	32.2	152	1	5.4	21	26.4	--	--	--	26.4	.6	178.4	1.6
Howard	4	59.6	63.6	3	11.4	14.4	79	1	1.6	16	17.6	--	--	--	17.6	.4	96.6	1.4
Kent	2	60	62	8	14	22	84	1	1	29	30	1	1.4	2.4	32.4	.6	116.4	1.6
Montgomery	6	115.6	121.6	9	17.4	26.4	148	1	4	32.2	36.2	--	--	--	36.2	1	184.2	2
Prince George's	4	169	173	12	26.5	38.5	211.5	1	5.4	54	59.4	--	--	--	59.4	1	270.9	2
Queen Anne's	1	69.2	70.2	8	15.8	23.8	94	.5	2	20.4	22.4	--	--	--	22.4	.6	116.4	1.1
St. Mary's	3	60	63	--	1	1	64	1	6	29	35	--	--	--	35	1	99	2
Somerset	5	81	86	7	13	20	106	1	11	34	45	--	--	--	45	1	151	2
Talbot	3	59.8	62.8	12	10.2	22.2	84	1	5	28	33	1.4	1	2.4	35.4	.6	119.4	1.6
Washington	54	226	280	25	15.4	40.4	320.4	2	5	7	12	--	--	--	12	--	332.4	2
Wicomico	5	109	114	16	24	40	154	2	8	29	37	2	2	4	41	1	195	3
Worcester	4	86	90	12	27	39	129	1	7	35.4	42.4	--	--	--	42.4	1	171.4	2
Total Counties	287.2	2,775.7	3,062.9	253.2	433.7	686.9	3,749.8	37.5	122	589.8	711.8	13.1	13.2	26.3	738.1	13.9	4,487.9	51.4
Baltimore City	*110	*2,081	*2,191	169	125	294	†2,485	12	72	296	368	22	28	50	† 418	1	†2,903	13
Total State	*397.2	*4,856.7	*5,253.9	422.2	558.7	980.9	†6,234.8	49.5	194	885.8	1,079.8	35.1	41.2	76.3	†1,156.1	14.9	†7,390.9	64.4

*The Baltimore City figures for white elementary schools include the following: Elementary: men 36, women 1,795; Junior high: men 62, women 286; Vocational: men 12.

†The Baltimore City figures above exclude teachers in teachers' training schools as follows: White: 2 men, 13 women; Colored: 2 men, 5 women.

TABLE XIII

Number and Per Cent. of Teachers Holding Various Grades of Certificates October, 1923

WHITE ELEMENTARY SCHOOLS

COUNTY	NUMBER OF TEACHERS HOLDING CERTIFICATES OF THE FOLLOWING GRADES									PER CENT OF TEACHERS HOLDING FOLLOWING GRADES OF CERTIFICATES					
	Elemen. Prin.* and First		Second		Third		Total No. of Teachers		Grand Total.	Elemen. Prin. and First		Second		Third	
	Reg.*	Prov*	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.		Reg.	Prov.	Reg.	Prov.	Reg.	Prov.
County Average	1,633	32	820	97	320	124	2,773	233	3,026	53.9	1.1	27.1	3.2	10.6	4.1
Allegany	232	--	52	2	14	1	298	3	301	77.1	--	17.3	.7	4.6	.3
Anne Arundel	90	7	30	--	6	5	126	12	138	65.2	5.1	21.7	--	4.4	3.6
Baltimore	285	3	10	1	2	6	297	10	307	92.8	1.0	3.3	.3	.6	2.0
Calvert	24	--	--	1	7	4	31	5	36	66.6	--	--	2.8	19.5	11.1
Caroline	43	--	23	4	8	1	74	5	79	54.4	--	29.1	5.1	10.1	1.3
Carroll	75	--	56	12	31	10	162	22	184	40.8	--	30.4	6.5	16.9	5.4
Cecil	42	--	52	1	4	1	98	2	100	42.0	--	52.0	1.0	4.0	1.0
Charles	18	--	20	10	14	4	52	14	66	27.3	--	30.3	15.1	21.2	6.1
Dorchester	45	1	34	1	18	6	97	8	105	42.9	.9	32.4	.9	17.2	5.7
Frederick	92	--	112	9	13	11	217	20	237	38.8	--	47.3	3.8	5.5	4.6
Garrett	36	8	26	20	55	41	117	69	186	19.4	4.3	14.0	10.7	29.5	22.1
Harford	64	3	34	4	17	--	115	7	122	52.5	2.4	27.9	3.3	13.9	--
Howard	27	--	20	--	12	3	59	3	62	43.6	--	32.3	--	19.3	4.8
Kent	32	--	23	3	2	--	57	3	60	53.4	--	38.3	5.0	3.3	--
Montgomery	82	5	17	6	11	2	110	13	123	66.7	4.1	13.8	4.9	8.9	1.6
Prince George's	107	2	42	8	12	1	161	11	172	62.2	1.2	24.4	4.6	7.0	.6
Queen Anne's	50	--	18	--	--	--	68	--	68	73.5	--	26.5	--	--	--
St. Mary's	14	--	10	2	22	14	46	16	62	22.6	--	16.1	3.2	35.5	22.6
Somerset	26	--	32	1	23	3	81	4	85	30.6	--	37.7	1.2	27.0	3.5
Talbot	42	--	17	--	--	--	59	--	59	71.2	--	28.8	--	--	--
Washington	118	1	112	8	30	7	260	16	276	42.7	.4	40.6	2.9	10.9	2.5
Wicomico	54	1	49	3	5	--	108	4	112	48.2	.9	43.7	2.7	4.5	--
Worcester	35	1	31	1	14	4	80	6	86	40.7	1.2	36.0	1.2	16.3	4.6

* Elemen. Prin.—Elementary Principal. Reg.—Regular. Prov.—Provisional.

TABLE XIV

Number and Per Cent. of Teachers Holding Various Grades of Certificates, October, 1923

WHITE ONE TEACHER SCHOOLS

COUNTY	NUMBER OF TEACHERS HOLDING CERTIFICATES OF THE FOLLOWING GRADES									PER CENT OF TEACHERS HOLDING FOLLOWING GRADES OF CERTIFICATES					
	Elemen. Prin.* and First		Second		Third		Total No. of Teachers		Grand Total.	Elemen. Prin. and First		Second		Third	
	Reg.*	Prov*	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.		Reg.	Prov.	Reg.	Prov.	Reg.	Prov.
County Average	304	7	372	60	212	101	888	168	1,056	28.8	.6	35.2	5.7	20.1	9.6
Allegany	31	--	9	--	8	1	48	1	49	63.3	--	18.4	--	16.3	2.0
Anne Arundel	13	2	11	--	3	1	27	3	30	43.3	6.7	36.7	--	10.0	3.3
Baltimore	34	--	1	1	1	1	36	2	38	89.6	--	2.6	2.6	2.6	2.6
Calvert	18	--	--	1	7	4	25	5	30	60.0	--	--	3.3	23.4	13.3
Caroline	6	--	15	2	4	1	25	3	28	21.4	--	53.6	7.1	14.3	3.6
Carroll	19	--	31	11	21	9	71	20	91	20.9	--	34.0	12.1	23.1	9.9
Cecil	13	--	29	--	2	1	44	1	45	28.9	--	64.5	--	4.4	2.2
Charles	8	--	13	7	8	4	29	11	40	20.0	--	32.5	17.5	20.0	10.0
Dorchester	11	--	16	--	13	5	40	5	45	24.5	--	35.5	--	28.9	11.1
Frederick	12	--	52	6	12	11	76	17	93	12.9	--	56.0	6.4	12.9	11.8
Garrett	14	2	15	13	42	37	71	52	123	11.4	1.6	12.2	10.6	34.1	30.1
Harford	20	--	17	1	13	--	50	1	51	39.2	--	33.3	2.0	25.5	--
Howard	8	--	12	--	8	3	28	3	31	25.8	--	38.7	--	25.8	9.7
Kent	5	--	15	2	1	--	21	2	23	21.8	--	65.2	8.7	4.3	--
Montgomery	19	2	9	2	3	1	31	5	36	52.7	5.6	25.0	5.6	8.3	2.8
Prince George's	9	--	16	2	4	1	29	3	32	28.2	--	50.0	6.2	12.5	3.1
Queen Anne's	18	--	17	--	--	--	35	--	35	51.4	--	48.6	--	--	--
St. Mary's	5	--	7	2	17	13	29	15	44	11.4	--	15.9	4.5	38.6	29.6
Somerset	3	--	11	1	13	2	27	3	30	10.0	--	36.7	3.3	43.3	6.7
Talbot	5	--	8	--	--	--	13	--	13	38.5	--	61.5	--	--	--
Washington	8	--	40	6	18	4	66	10	76	10.5	--	52.6	7.9	23.7	5.3
Wicomico	16	--	16	2	5	--	37	2	39	41.0	--	41.0	5.1	12.9	--
Worcester	9	1	12	1	9	2	30	4	34	26.5	2.9	35.3	2.9	26.5	5.9

* Elemen, Prin.—Elementary Principal. Reg.—Regular. Prov.—Provisional.

TABLE XV

Number and Per Cent. of Teachers Holding Various Grades of Certificates, October, 1923

WHITE TWO TEACHER SCHOOLS.

COUNTY	NUMBER OF TEACHERS HOLDING CERTIFICATES OF THE FOLLOWING GRADES									PER CENT OF TEACHERS HOLDING FOLLOWING GRADES OF CERTIFICATES					
	Elemen. Prin.* and First		Second		Third		Total No. of Teachers		Grand Total.	Elemen. Prin. and First		Second		Third	
	Reg.*	Prov*	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.		Reg.	Prov.	Reg.	Prov.	Reg.	Prov.
County Average	279	7	143	13	61	16	483	36	519	53.7	1.4	27.5	2.5	11.8	3.1
Allegany	21	--	11	--	2	--	34	--	34	61.8	--	32.3	--	5.9	--
Anne Arundel	12	4	5	--	--	3	17	7	24	50.0	16.7	20.8	--	--	12.5
Baltimore	66	--	5	--	--	3	71	3	74	89.2	--	6.8	--	--	4.0
Calvert	6	--	--	--	--	--	6	--	6	100.0	--	--	--	--	--
Caroline	7	--	3	1	3	--	13	1	14	50.0	--	21.4	7.2	21.4	--
Carroll	12	--	6	--	5	1	23	1	24	50.0	--	25.0	--	20.8	4.2
Cecil	10	--	7	--	--	--	17	--	17	58.8	--	41.2	--	--	--
Charles	7	--	2	3	6	--	15	3	18	38.9	--	11.1	16.7	33.3	--
Dorchester	4	--	9	--	4	1	17	1	18	22.2	--	50.0	--	22.2	5.6
Frederick	10	--	24	1	1	--	35	1	36	27.8	--	66.6	2.8	2.8	--
Garrett	8	1	5	4	11	3	24	8	32	25.0	3.1	15.6	12.5	34.5	9.3
Harford	11	--	7	1	3	--	21	1	22	50.0	--	31.8	4.5	13.7	--
Howard	10	--	4	--	2	--	16	--	16	62.5	--	25.0	--	12.5	--
Kent	5	--	5	--	--	--	10	--	10	50.0	--	50.0	--	--	--
Montgomery	7	1	5	1	6	--	18	2	20	35.0	5.0	25.0	5.0	30.0	--
Prince George's	21	1	13	1	2	--	36	2	38	55.3	2.6	34.2	2.6	5.3	--
Queen Anne's	12	--	--	--	--	--	12	--	12	100.0	--	--	--	--	--
St. Mary's	9	--	3	--	3	1	15	1	16	56.2	--	18.8	--	18.8	6.2
Somerset	8	--	4	--	6	--	18	--	18	44.5	--	22.2	--	33.3	--
Talbot	9	--	3	--	--	--	12	--	12	75.0	--	25.0	--	--	--
Washington	10	--	18	1	6	3	34	4	38	26.3	--	47.4	2.6	15.8	7.9
Wicomico	10	--	2	--	--	--	12	--	12	83.3	--	16.7	--	--	--
Worcester	4	--	2	--	1	1	7	1	8	50.0	--	25.0	--	12.5	12.5

* Reg.—Regular. Prov.—Provisional. Elemen. Prin.—Elementary School Principal.

TABLE XVI

Number and Per Cent. of Teachers Holding Various Grades of Certificates, October 1923.

WHITE GRADED SCHOOLS

COUNTY	NUMBER OF TEACHERS HOLDING CERTIFICATES OF THE FOLLOWING GRADES									PER CENT OF TEACHERS HOLDING FOLLOWING GRADES OF CERTIFICATES					
	Elemen. Prin.* and First		Second		Third		Total No. of Teachers		Grand Total.	Elemen. Prin. and First		Second		Third	
	Reg.*	Prov*	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.		Reg.	Prov.	Reg.	Prov.	Reg.	Prov.
County Average	1,050	18	305	24	47	7	1,402	49	1,451	72.4	1.2	21.0	1.7	3.2	.5
Allegany	180	--	32	2	4	--	216	2	218	82.6	--	14.7	.9	1.8	--
Anne Arundel	65	1	14	--	3	1	82	2	84	77.3	1.2	16.7	--	3.6	1.2
Baltimore	185	3	4	--	1	2	190	5	195	94.9	1.5	2.1	--	.5	1.0
Calvert	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Caroline	30	--	5	1	1	--	36	1	37	81.1	--	13.5	2.7	2.7	--
Carroll	44	--	10	1	5	--	68	1	69	63.8	--	27.6	1.4	7.2	--
Cecil	19	--	16	1	2	--	37	1	38	50.0	--	42.1	2.6	5.3	--
Charles	3	--	5	--	--	--	8	--	8	37.5	--	62.5	--	--	--
Dorchester	30	1	9	1	1	--	40	2	42	71.4	2.4	21.4	2.4	2.4	--
Frederick	70	--	36	2	--	--	106	2	108	64.8	--	33.3	1.9	--	--
Garrett	14	5	6	3	2	1	22	9	31	45.2	16.1	19.4	9.7	6.4	3.2
Harford	33	3	10	2	1	--	44	5	49	67.4	6.1	20.4	4.1	2.0	--
Howard	9	--	4	--	2	--	15	--	15	60.0	--	26.7	--	13.3	--
Kent	22	--	3	1	1	--	26	1	27	81.5	--	11.1	3.7	3.7	--
Montgomery	56	2	3	3	2	1	61	6	67	83.5	3.0	4.5	4.5	3.0	1.5
Prince George's	77	1	13	5	6	--	96	6	102	75.5	1.0	12.7	4.9	5.9	--
Queen Anne's	20	--	1	--	--	--	21	--	21	95.3	--	4.7	--	--	--
St. Mary's	--	--	--	--	2	--	2	--	2	--	--	--	--	100.0	--
Somerset	15	--	17	--	4	1	36	1	37	40.6	--	45.9	--	10.8	2.7
Talbot	28	--	6	--	--	--	34	--	34	82.3	--	17.7	--	--	--
Washington	100	1	54	1	6	--	160	2	162	61.7	.6	33.4	.6	3.7	--
Wicomico	28	1	31	1	--	--	59	2	61	46.0	1.6	50.8	1.6	--	--
Worcester	22	--	17	--	4	1	43	1	44	50.0	--	38.6	--	9.1	2.3

* Elemen, Prin.—Elementary Principal. Reg.—Regular. Prov.—Provisional.

TABLE XVII

COLORED ELEMENTARY TEACHERS—GRADE OF CERTIFICATE OCT., 1923.

COUNTY	NUMBER OF COLORED TEACHERS HOLDING CERTIFICATES OF THE FOLLOWING GRADES									Per Cent of Colored Teachers Holdng Certificates of the Following Grades					
	First		Second		Third		Total No. of Teachers		Grand Total.	First		Second		Third	
	Reg.*	Prov*	Reg.	Prov.	Reg.	Prov.	Reg.	Prov.		Reg.	Prov.	Reg.	Prov.	Reg.	Prov.
County Average	272	14	238	36	112	46	622	96	718	37.9	2.0	33.1	5.0	15.6	6.4
Allegany	6	--	--	--	--	--	6	--	6	100.0	--	--	--	--	--
Anne Arundel	8	7	21	5	13	7	42	19	61	13.1	11.5	34.4	8.2	21.3	11.5
Baltimore	32	1	7	--	4	1	43	2	45	71.1	2.2	15.6	--	8.9	2.2
Calvert	11	--	3	1	4	5	18	6	24	45.8	--	12.5	4.2	16.7	20.8
Caroline	10	--	14	--	3	1	27	1	28	35.7	--	50.0	--	10.7	3.6
Carroll	7	--	3	--	3	--	13	--	13	53.8	--	23.1	--	23.1	--
Cecil	11	--	5	--	--	--	16	--	16	68.7	--	31.3	--	--	--
Charles	14	--	15	1	7	1	36	2	38	36.9	--	39.5	2.6	18.4	2.6
Dorchester	15	1	12	--	13	11	40	12	52	28.8	1.9	23.1	--	25.0	21.2
Frederick	10	2	8	2	11	1	29	5	34	29.4	5.9	23.5	5.9	32.4	2.9
Harford	13	--	9	--	4	1	26	1	27	48.1	--	33.4	--	14.8	3.7
Howard	10	--	4	--	4	1	18	1	19	52.6	--	21.1	--	21.0	5.3
Kent	15	--	12	--	1	--	28	--	28	53.6	--	42.8	--	3.6	--
Montgomery	13	1	11	4	6	2	30	7	37	35.2	2.7	29.7	10.8	16.2	5.4
Prince George's	28	1	19	3	10	1	57	5	62	45.2	1.6	30.7	4.8	16.1	1.6
Queen Anne's	11	--	6	3	2	1	19	4	23	47.8	--	26.1	13.1	8.7	4.3
St. Mary's	4	--	17	--	8	5	29	5	34	11.8	--	50.0	--	23.5	14.7
Somerset	12	--	18	5	8	3	38	8	46	26.1	--	39.1	10.9	17.4	6.5
Talbot	10	--	19	2	2	--	31	2	33	30.3	--	57.6	6.1	6.0	--
Washington	5	--	4	1	2	--	11	1	12	41.7	--	33.3	8.3	16.7	--
Wicomico	12	1	18	4	1	1	31	6	37	32.5	2.7	48.6	10.8	2.7	2.7
Worcester	15	--	13	5	6	4	34	9	43	34.9	--	30.2	11.6	14.0	9.3

* Reg.—Regular. Prov.—Provisional.

TABLE XVIII

STANDARD ACHIEVEMENT IN COMPREHENSION OF SILENT READING OF MEDIAN CHILD IN EACH GRADE IN MONROE'S SILENT READING TEST REVISED. ACCOMPLISHMENT OF MEDIAN CHILD IS EXPRESSED IN GRADE EQUIVALENT OR "B" SCORE

COUNTY	Form	Month	Grade 3				Grade 4				Grade 5				Grade 6				Grade 7			
			One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher
Allegany	1	1	*—	—	—	—	—	3.3	3.1	3.5	3.6	3.6	3.6	4.1	4.6	4.9	4.7	5.1	5.1	5.8	5.4	6.3
	2	8			3.15	3.4			3.9	3.9			4.3	4.9			6.2	6.7			6.8	7.6
	3	8								4.2				5.1				6.0				6.9
Baltimore	1	8	3.5	3.5	3.5	3.6	4.2	4.1	4.1	4.4	4.8	4.9	4.9	5.2	6.0	6.6	6.3	6.5	6.0	7.8	7.2	7.8
	3	8	3.3	3.6	3.5	3.5	3.9	4.1	4.0	4.3	4.8			5.2	5.7	5.9	5.8	5.9	6.6	6.8	6.7	7.0
Calvert	1	3	—	3.3	—		3.5	3.6	3.5		3.8	5.0	3.9		4.7	4.4	4.7		5.8	5.8	5.8	
	2	8	3.1	3.5	3.2		3.8	4.5	3.9		4.4	5.3	4.4		5.4	6.5	5.6		6.5	6.7	6.6	
Caroline	1	8	—	—	—	—	3.3	3.5	3.4	3.6	4.0	4.1	4.0	4.4	4.7	4.8	4.7	4.9	5.2	5.9	5.5	6.0
	2	7	3.1	3.1	3.1	3.4	3.6	3.7	3.6	4.1	4.0	4.4	4.1	4.7	5.4	5.7	5.5	6.0	5.9	6.5	5.6	6.9
Carroll	1	6			3.3	3.4			4.0	4.0			4.6	4.9			5.7	6.1			6.8	7.2
Cecil	1	4				3.2				3.8				4.7				5.8				6.8
Charles	1	1	—	—	—	3.1	3.3	3.1	3.2	3.2	3.5	3.9	3.7	4.4	4.2	4.3	4.3	4.7	5.3	5.1	5.2	5.0
	2	8	3.3	3.9	3.6	3.6	4.0	3.9	4.0	4.7	4.3	4.6	4.5	6.1	6.0	6.2	6.0	7.4	7.3	7.9	7.5	9+
Dorchester	1	8	—	—	—	3.0	3.3	3.6	3.4	3.8	3.7	3.9	3.8	5.1	5.1	6.1	5.1	5.1	5.1	6.6	5.7	5.3
Frederick	1	1	—	—	—	—	3.4	3.5	3.4	3.7	4.2	4.0	4.1	4.5	5.3	5.0	5.1	5.7	6.4	5.9	6.0	6.3
	2	8	3.2	3.3	3.6	3.6	3.7	3.8	3.8	3.8	4.4	4.3	4.3	4.2	5.1	5.7	5.4	5.9	6.9	6.4	6.6	6.3
Frederick City and Brunswick	1	5				3.5				4.2				5.2				5.3				7.6
	2	8				3.5				4.8				6.5				7.0				8.3
	3	8				3.7				4.5				6.5				6.3				7.0

Garrett	1	8			3.3	3.4			3.7	3.8			4.5	4.7			4.5	6.5			6.7	6.6
Howard	1	2			—	—			3.3	3.7			3.8	4.0			4.7	5.1			5.2	6.3
	2	8	3.2	3.3	3.2	3.3	3.8	4.0	3.9	4.3	4.8	5.1	4.9	4.5	5.8	5.7	5.7	6.4	7.3	8.0	7.6	7.8
Harford	1	0	*—	—	—	—	—	3.4	3.1	3.2	3.7	3.9	3.8	4.1	4.6	4.8	4.8	5.1	5.5	6.1	5.9	6.6
	2	9				3.3				3.9				4.9				6.9				8.3
	3	7	—	3.3	3.1	3.4	3.5	3.8	3.6	4.0	4.5	4.7	4.6	5.0	5.5	5.7	5.6	6.1	6.1	6.7	5.8	5.1
Kent	1	1			—	3.1			3.3	3.7			4.2	4.4			4.5	5.6			5.5	7.0
	3	8			3.3	3.8			3.9	4.9			4.8	6.7			5.8	6.3			7.9	7.1
Prince George's	1	0	—	—	—	—	—	—	—	—	3.4	3.6	3.5	3.6	4.1	5.0	4.3	4.5	5.1	5.0	5.1	5.5
	2	8	—	—	—	3.1	3.3	3.7	3.4	3.9	3.7	3.9	4.0	4.8	5.4	6.0	5.7	6.3	5.6	6.9	6.3	7.5
	3	7	3.0	3.4	3.1	3.4	3.7	3.8	3.7	4.1	4.1	4.7	4.5	5.2	5.0	5.7	5.4	5.7	6.0	6.0	6.0	7.1
St. Mary's	1	2	—	—	—		3.1	—	3.0		3.5	3.7	3.6		4.2	4.1	4.1		4.7	5.5	4.9	
	2	8	3.2	3.2	3.1		3.7	3.8	3.8		4.0	4.3	4.0		5.1	6.3	5.5		6.8	6.9	6.8	
Somerset	1	7	—			‡3.1	3.0			‡3.5	3.6			‡4.5	4.7			‡5.5	5.0			‡5.6
	1	2			—	3.1			3.1	3.6			3.8	4.1			4.6	5.4			4.9	6.3
	3	7			3.1	3.4			3.6	4.1			4.6	5.2			4.9	5.6			5.5	6.8
Talbot	1	2	—	—	—	—	—	3.3	3.2	3.7	4.0	3.8	3.9	4.3	4.9	4.8	4.8	5.5	5.9	6.2	6.1	6.9
	2	8	3.1	—	3.1	3.4	3.6	3.8	3.7	4.3	4.7	4.3	4.3	5.4	6.0	6.1	6.0	7.1	6.7	8.0	6.9	7.9
Washington	1	6	*—			‡3.0				‡3.7	3.5			‡4.2	3.7			‡4.5	4.1			‡5.0
Hagerstown	1	6				3.2				3.9				4.4				4.8				5.4
	2	6				3.4				4.0				4.8				6.7				7.8
Wicomico	2	†3				†—				†3.5				†4.4				†5.2				†6.8
	2	8	3.0	3.4	3.1	3.4	3.7	3.8	3.7	3.9	4.6	4.9	4.7	5.0	5.3	6.2	5.7	6.5	6.0	6.8	6.3	7.6
Worcester	1	1			—	—			3.0	3.2			3.6	3.8			4.1	4.4			4.5	4.8
	2	7			—	3.1			3.4	3.9			4.0	4.7			5.7	5.8			6.6	6.9

*—means that the score made by the median child is below the standard for the beginning of the third grade.
†Lower section of grade in schools having semi-annual promotions.
‡Includes some two-teacher schools.

TABLE XIX

STANDARD ACHIEVEMENT IN READING RATE OF MEDIAN CHILD IN EACH GRADE, IN MONROE'S SILENT READING TEST REVISED. ACCOMPLISHMENT OF MEDIAN CHILD IS EXPRESSED IN GRADE EQUIVALENT OR "B" SCORE

COUNTY	Form	Month	Grade 3				Grade 4				Grade 5				Grade 6				Grade 7			
			One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher
Allegany	1	1	*—	—	—	—	—	—	—	3.2	3.5	3.7	3.6	3.9	4.2	4.0	4.1	4.7	4.8	5.4	5.0	5.3
	2	8			3.35	3.3			3.8	3.9			4.0	4.6			6.3	6.0			7.2	6.6
	3	8								3.9				4.4				5.5				5.7
Baltimore	1	8	3.3	3.5	3.4	3.3	3.7	4.0	3.9	4.1	4.7	4.5	4.6	4.9	4.9	5.7	5.4	5.8	6.2	6.8	6.6	6.6
	3	8	3.1	3.3	3.2	3.2	3.6	3.7	3.7	3.8	4.1			4.4	5.3	5.3	5.3	5.5	5.5	5.7	5.6	5.9
Calvert	1	3	—	3.1	—		3.2	—	3.2		3.7	4.3	3.9		4.4	5.6	4.5		5.0	5.1	5.0	
	2	8	—	3.9	3.0		3.7	4.0	3.8		4.0	4.3	4.0		6.2	6.6	6.2		6.6	7.4	7.0	
Caroline	1	2	—	—	—	—	3.0	—	—	3.4	3.7	3.8	3.7	4.0	4.2	4.5	4.3	4.7	4.9	4.9	4.9	5.1
	2	7	—	—	—	3.1	3.4	3.6	3.4	3.9	3.8	4.0	3.8	4.1	5.3	5.5	5.4	5.6	6.1	5.9	6.0	6.3
Carroll	1	6			3.3	3.2			3.7	3.9			4.7	4.7			5.3	5.2			6.2	6.2
Cecil	1	4				—				3.5				4.3				4.9				5.6
Charles	1	1	—	—	—	3.2	—	—	—	—	3.2	4.0	3.5	3.9	3.8	4.0	3.9	4.7	4.6	5.0	4.7	4.5
	2	8	3.3	3.7	3.5	3.3	3.8	4.0	3.9	4.2	4.0	4.8	4.3	5.7	6.0	5.8	5.9	8.4	7.3	7.9	7.7	9+
Dorchester	1	8	—	—	—	—	3.0	3.5	3.2	3.7	3.6	4.6	3.7	4.4	4.8	5.3	4.9	4.6	5.3	5.2	5.2	4.9
Frederick	1	1	—	—	—	†—	3.3	3.5	3.5	†3.6	3.8	4.0	3.7	†4.0	4.4	4.8	4.6	†5.3	4.9	4.5	5.0	†5.4
	2	8	3.4	3.4	3.4	†3.2	3.7	3.8	3.7	†3.7	4.0	4.1	4.0	†3.8	5.9	5.9	5.9	†5.5	6.1	5.9	5.9	†5.7
Frederick City and Brunswick	1	5				3.4				3.9				5.0				5.0				6.5
	2	8				3.5				4.6				5.8				6.5				7.5
	3	8				3.7				4.3				5.9				6.0				6.0

Garrett	1	8			3.0	3.2			3.8	3.7			4.0	4.4			4.0	5.4			5.4	5.4
Harford	1	0	*—		—	—	—		—	—	3.4	—	3.6	3.9	4.1	—	4.4	4.6	4.6	—	5.2	5.5
	2	8				—				3.6				4.1				5.8				7.3
	3	8	—	3.1	—	3.1	3.2	3.4	3.3	3.6	4.0	4.1	4.0	4.4	5.1	5.4	5.2	5.2	5.6	5.8	5.7	5.9
Howard	1	2				—			3.2	3.3			3.6	3.6			4.1	4.5			4.8	4.8
	2	8	3.1	3.2	3.2	—	3.6	3.7	3.6	3.9	4.1	4.8	4.1	4.0	5.3	5.4	5.3	5.8	6.1	7.2	6.3	6.0
Kent	1	1				—			3.3	3.8			3.9	4.7			4.1	5.2			4.9	6.4
	3	8			3.1	3.8			3.7	4.3			4.8	5.8			5.5	5.6			6.7	5.9
Prince George's	1	0	—	—	—	—	—	—	—	—	3.0	3.3	3.1	3.5	3.7	3.7	3.7	3.9	4.6	4.6	4.6	4.6
	2	8	—	—	—	—	3.3	3.5	3.4	3.7	3.6	4.0	3.7	4.4	5.2	5.2	5.3	5.6	5.4	5.9	5.6	6.4
	3	7	—	3.3	3.0	3.3	3.3	3.6	3.5	3.9	3.8	4.6	4.0	5.0	5.1	5.5	5.3	5.5	5.8	5.8	5.8	6.0
St. Mary's	1	2	—	—	—		—	—	—		3.1	3.5	3.2		3.7	3.7	3.7		4.1	4.7	4.3	
	2	8	—	3.1	3.0		3.5	3.4	3.4		3.8	3.7	3.7		5.3	5.4	5.3		6.4	6.1	6.2	
Somerset	1	7	—			—					3.5				4.2				4.0			
	1	2			—	3.0			—	3.5			3.7	4.0			3.9	5.1			4.5	5.5
	3	7			3.0	3.4			3.3	3.9			4.0	4.5			4.9	5.4			5.7	6.0
Talbot	1	2	—	—	—	—	—	3.2	3.0	3.4	3.8	3.5	3.7	4.1	4.0	4.6	4.3	4.9	5.3	5.0	5.3	5.8
	2	8	3.0	3.2	3.1	3.4	3.4	3.8	3.6	4.0	4.8	3.9	4.1	5.2	6.2	6.3	6.3	6.1	7.7	6.8	7.3	7.0
Washington	1	6	—			—	3.1			3.5	3.1			4.0	3.1			4.0	3.5			4.3
Hagerstown	1	6				—				3.5				4.1				4.2				4.6
	2	6				3.1				3.6				4.8				5.7				6.6
Wicomico	2	3				§—				§3.4				§3.9				§4.8				§6.1
	2	8	—	3.2	3.0	3.1	3.4	3.8	3.6	3.7	4.1	3.9	4.0	4.2	5.2	6.1	5.4	5.5	5.4	6.7	5.7	6.2
Worcester	1	1			—	—			—	—			3.2	3.5			3.7	4.0			3.8	4.0
	2	7			—	—			3.2	3.6			3.9	4.2			5.4	5.5			6.8	6.1

*—means that the score made by the median child is below the standard for the beginning of the third grade.
†Exclusive of Frederick City and Brunswick
§Lower section of grade in schools having semi-annual promotions.

TABLE XX

STANDARD ACHIEVEMENT IN ARITHMETIC OF THE MEDIAN CHILD IN EACH GRADE IN MONROE SURVEY TEST—GRADE EQUIVALENT OR "B" SCORE FOR MEDIAN CHILD

COUNTY	Form	Month	Grade 3				Grade 4				Grade 5				Grade 6				Grade 7			
			One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher	One Teacher	Two Teacher	One and Two Teacher	Three + Teacher
Allegany	1	1	*—	2.9	—	—	3.4	3.9	3.6	3.7	4.1	4.6	4.5	4.9	5.0	6.3	5.5	6.4	6.2	7.2	6.6	7.3
	2	8			4.0	4.0			5.8	6.3			7.7	8.3			8.4	9+			7.9	9+
Baltimore	1	8	3.8	4.0	3.9	3.7	5.8	6.3	6.2	5.7	6.9	7.9	7.7	8.0	8.6	8.7	8.7	8.6	9+	9+	9+	9+
	3	8	4.1	4.1	4.1	4.2	5.3	5.5	5.5	5.7	7.0	7.0	7.0	6.8	7.5	7.8	7.7	8.0	8.3	9+	8.9	9+
Calvert	1	3	3.0	3.1	3.0		3.7	3.6	3.7		4.0	5.0	4.2		5.6	5.5	5.6		6.3	6.6	6.4	
	2	8	3.7	6.0	3.9		5.1	6.9	5.4		6.6	6.9	6.7		8.1	9+	8.5		9+	9+	9+	
Caroline	1	8	—	—	—	—	3.4	3.4	3.4	3.6	4.0	4.0	4.0	4.2	5.2	5.4	5.2	5.4	6.1	6.2	6.1	6.9
	2	7	3.2	3.4	3.2	3.5	4.2	4.0	4.1	5.5	5.4	5.1	5.3	5.0	6.7	6.5	6.6	7.1	7.3	8.3	7.6	9+
Carroll	1	6			3.7	3.4			4.8	4.3			6.2	4.9				6.4				7.1
Cecil	1	4	—	—	—	3.4	—	—	—	4.4	—	—	—	5.0	—	—	—	6.7	—	—	—	7.5
Charles	1	1	—	—	—	—	3.6	3.7	3.6	3.3	4.3	4.5	4.4	4.5	5.1	5.0	5.3	5.8	6.7	6.5	6.7	7.8
	2	8	3.7	4.8	4.0	3.6	6.2	6.0	6.4	6.2	7.7	8.5	7.9	7.1	7.8	9+	8.4	8.5	9+	9+	9+	9+
Dorchester	1	8	3.3	3.2	3.3	3.4	3.6	4.0	3.7	4.5	4.9	5.3	5.0	6.6	6.8	6.4	6.5	6.8	6.8	5.8	6.7	7.2
Cambridge	1	8				3.3				4.4				6.6				6.6				6.7
	2	1				—				3.8				4.7				6.2				6.8
Frederick	1	1	3.1	3.3	3.3	†3.4	4.0	3.9	3.9	†4.1	4.9	5.1	5.0	†6.1	5.1	5.2	5.2	†5.9	7.0	6.5	6.6	†6.5
	2	8	3.5	3.5	3.5	†3.6	4.6	4.9	4.8	†4.8	6.2	6.5	6.4	†6.5	6.4	7.4	7.0	†8.0	8.7	9+	9+	†8.6

Frederick City and Brunswick	1	5				3.4				4.3				6.5				6.2			7.5
	2	8				4.4				6.4				8.3				9+			9+
	3	8				4.4				5.7				6.5				7.8			8.3
Garrett	1	7			3.5	3.7			4.3	4.5			6.0	5.4			5.8	7.5		7.8	6.8
Howard	1	2			3.2	3.4			3.8	3.9			4.8	4.7			6.2	6.2		6.8	6.7
Harford	1	0	—	—	—	—	—	4.2	3.5	3.4	3.8	3.6	3.8	4.1	4.7	4.8	4.8	4.9	6.2	6.4	6.3	5.6
Kent	1	1			—	3.1			3.7	4.0			5.3	6.2			4.7	6.5		6.5	8.7
	3	8			3.8	4.6			5.5	6.1			6.9	8.3			6.4	7.8		6.4	9+
Chestertown	1	1				3.4				4.6				6.2				7.2			9+
	2	8				4.7				6.5				9+				9+			9+
	3	8				4.9				6.8				9+				9+			9+
Prince George's	1	0	—	—	—	—	3.2	3.2	3.2	3.1	3.7	3.8	3.8	3.8	4.8	4.8	4.8	4.3	4.8	6.1	5.5	4.9
	2	8	3.4	3.5	3.4	3.5	3.9	4.3	4.0	4.6	5.6	5.3	5.3	6.4	6.3	6.6	6.5	7.5	6.8	8.3	7.1	9+
	3	7	3.5	4.0	3.8	3.8	4.8	5.1	5.0	4.9	5.4	5.7	5.6	5.7	6.2	7.4	6.7	6.8	7.7	8.9	8.3	9+
St. Mary's	1	2	—	—	—		3.5	3.6	3.5		4.4	4.8	4.4		4.9	5.9	5.2		6.5	6.9	6.7	
	2	8	3.6	4.1	3.7		4.9	6.4	5.0		5.7	8.2	6.6		7.8	8.4	7.9		9+	9+	9+	
Somerset	1	7	3.4		3.3	3.5	4.0		4.1	4.3	5.8		6.4	6.8	6.3		6.2	6.7	6.5		6.6	7.9
	1	2				3.1	3.9		3.7	4.0			5.0	6.5			5.4	6.8			6.3	7.5
Talbot	1	2	—	—	—	—	3.6	3.8	3.7	3.8		4.7	4.7	5.0	5.6	5.4	5.6	6.3	6.6	6.8	6.8	7.9
	2	8	3.8	3.8	3.8	3.7	5.0	6.2	5.5	6.5	8.3		7.7	6.7	9+	9+	9+	9+	9+	9+	9+	9+
Washington	1	6	—			§3.5	3.7			§4.7	4.6			§6.1	4.7			§6.4	4.9			§7.3
Hagerstown	1	6				3.6				5.0				6.3				6.7				7.8
Worcester	1	1			—	—			3.5	3.7			3.9	4.5			4.9	5.6		6.3	6.1
	2	7			3.7	3.9			4.4	6.3			5.7	6.8			6.5	7.7		8.3	8.6

*—means that the score made by the median child is below the standard for the beginning of the third grade.
†Exclusive of Frederick City and Brunswick.
§Includes two-room schools.

TABLE XXI

APPROVED HIGH SCHOOLS—COST PER PUPIL, STATE AID, TEACHERS, ENROLLMENT AND ATTENDANCE, YEAR ENDING JULY 31, 1923

Name of High School	Current Expense Cost per Pupil Belonging		State and Federal Aid, 1922-1923	Number of Days in Session	Number of Teachers		Average Number		Per Cent of Attendance	Total Enrollment		Enrollment Exclusive of Withdrawals by Transfer, Removal or Death — By Year and Sex								By Year, Promotion or Non-Promotion							
												I		II		III		IV		I		II		III		IV	
	For County	Total			Regular	Special	Attending	Belonging		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Promoted	Not Promoted	Promoted	Not Promoted	Promoted	Not Promoted	Promoted	Not Promoted
ALLEGANY																											
Cumberland	$61.40	$68.43	$4,790.00	190	22	4	647.2	686.3	94.1	278	445	123	164	80	120	38	83	35	78	211	76	178	32	105	16	109	4
Beall (Frostburg)	65.61	78.67	4,742.00	190	13	3	350.3	365.0	95.9	171	261	73	91	54	84	21	41	22	46	68	96	67	71	38	24	64	4
Lonaconing (Central)	74.39	94.64	3,738.00	190	5.5	3.5	176.7	185.1	95.6	72	133	34	40	16	35	9	22	10	24	35	39	29	22	17	14	33	1
Bruce (Westernport)	83.60	108.44	3,161.00	190	6	1	122.8	127.5	96.3	61	81	25	31	25	21	8	18	2	10	23	33	23	23	19	7	12	----
Barton	101.57	135.00	2,443.00	190	2.5	2.5	68.5	73.1	93.7	30	52	12	14	9	6	6	18	3	11	25	1	11	4	20	4	14	----
Midland	55.81	76.49	1,150.00	183	2	----	52.6	55.8	94.2	30	51	13	23	14	12	2	7	----	----	20	16	15	11	8	1	----	----
Flintstone	164.21	224.30	2,662.00	190	2	1.4	40.6	44.3	91.5	16	30	5	10	5	12	3	5	----	----	14	1	17	----	8	----	----	----
Mt. Savage	116.32	148.27	1,150.00	190	2	----	34.5	36.0	95.9	16	27	8	12	7	8	1	6	----	----	11	9	12	3	6	1	----	----
Old Town	94.80	129.51	622.00	190	1	----	15.7	17.9	87.6	5	18	4	9	2	9	----	----	----	----	9	4	5	6	----	----	----	----
Cumberland (Colored)	136.10	193.56	2,011.00	190	3	1	32.8	35.1	93.4	6	30	3	8	3	11	----	3	----	8	7	4	7	7	3	----	8	----
Totals	$73.21	$89.57	$26,469.00	192.7	59	16.4	1,541.7	1,626.1	94.1	685	1128	300	402	215	318	88	203	72	177	423	279	364	169	224	67	240	9
ANNE ARUNDEL																											
Annapolis	$66.58	$78.96	$4,675.00	186.4	12.4	4.0	349	379	92	169	244	58	78	51	70	36	49	20	42	86	50	108	13	68	17	60	2
Tracey's Landing	70.20	103.07	1,150.00	181	2.3	----	32	35	91	17	19	10	6	5	9	3	3	----	----	13	3	9	5	5	1	----	----
Shady Side	201.39	201.39	----------	188	1	----	13	14	93	3	14	4	12	----	----	----	----	----	----	12	4	----	----	----	----	----	----
Annapolis (Colored)	76.68	101.40	1,335.00	184	3	2	48	54	89	16	42	7	14	3	9	4	11	2	6	9	12	7	5	7	8	4	4
Totals	$69.20	$83.80	$7,160.00	186	18.7	6	442	482	91.7	205	319	79	110	59	88	43	63	22	48	120	69	124	23	80	26	64	6
BALTIMORE																											
Towson	$68.40	$80.21	$4,311.00	191.5	9.2	3.8	328	363	90.4	173	210	81	67	42	59	29	43	13	35	112	36	76	25	66	6	48	----
Catonsville	85.10	97.99	4,311.00	192	9.2	3.8	310.2	334.3	92.8	172	196	70	65	34	49	37	43	25	27	85	50	54	29	68	12	51	1
Sparrows Point	91.20	115.51	6,459.00	192	7.8	4.2	240.9	266	90.6	146	162	60	53	35	41	23	34	19	26	73	40	45	31	39	18	42	3
Franklin	72.79	87.70	3,738.00	193	6.7	4.3	231.3	251.2	92.1	133	132	56	37	32	39	26	20	18	32	79	14	61	10	44	2	50	----
Randallstown	112.10	144.20	2,443.00	192	3.0	1.0	69.8	76.2	91.6	35	50	21	13	5	9	4	18	5	8	18	16	9	5	15	7	12	1
Sparks	121.49	158.89	2,443.00	192	2.9	1.1	57.7	65	88.8	38	46	25	22	7	7	1	6	4	8	20	27	6	8	7	----	9	3
Shane	112.72	145.23	622.00	191	1.0	----	16.8	19.1	88.2	11	10	8	9	----	----	----	----	----	----	16	1	----	----	----	----	----	----
Totals	$83.28	$100.51	$24,327.00	192	39.8	18.2	1,254.7	1,374.8	91.8	708	806	321	266	155	204	129	164	84	136	403	184	251	108	239	45	212	8
CALVERT																											
Prince Frederick	$50.12	$63.42	$1,055.00	190	3	----	74.6	79.3	94	32	54	11	20	16	11	5	23	----	----	21	10	18	9	21	7	----	----
Huntingtown	29.10	47.93	599.00	189	1	----	29.7	31.8	93.3	17	17	8	6	8	11	----	----	----	----	9	5	17	2	----	----	----	----
Solomons	44.41	76.56	599.00	187.5	1	----	17.1	18.7	91.6	12	11	8	5	4	6	----	----	----	----	8	5	6	4	----	----	----	----
Totals	$44.16	$61.51	$2,253.00	189.9	5	----	121.4	129.8	93.5	61	82	27	31	28	28	5	23	----	----	38	20	41	15	21	7	----	----

CAROLINE																											
1 Denton	$43.55	$68.92	$3,868.12	183	4	1.5	143	152.6	93	65	94	26	35	24	21	8	22	6	15	37	24	26	19	27	3	21	----
1 Federalsburg	55.10	78.40	3,161.00	188	4	2.0	121	134.9	89	60	86	25	24	13	26	17	22	3	12	33	16	33	6	28	11	15	----
1 Greensboro	81.57	112.15	2,875.00	187	4	2.0	87	94.4	92	43	64	13	19	11	16	6	13	2	12	22	10	23	4	12	7	14	----
1 Preston	83.10	112.30	2,180.00	188	3	1.0	65	74.9	87	33	47	18	33	8	6	4	3	3	5	19	32	12	2	7	----	8	----
1 Ridgely	84.20	124.30	2,815.13	186	3	.5	64	70.4	91	23	57	9	21	6	12	5	12	3	6	11	19	9	9	14	3	9	----
2 Henderson	54.00	79.65	1,102.00	186.5	2	----	38	43.1	90	19	30	7	12	8	13	4	5	----	----	13	6	17	4	8	1	----	----
3 Denton Colored	28.48	51.00	364.00	161	1	----	14	16	87	8	11	4	8	4	3	----	----	----	----	12	----	4	3	----	----	----	----
Totals	$62.58	$90.50	$16,365.25	187.4	21	7.0	532	586.3	91.1	251	389	102	152	74	97	44	77	17	50	147	107	124	47	96	25	67	----
CARROLL																											
1 Westminster	$81.01	$99.19	$4,777.50	188	8.5	6.2	239.6	264.9	90	95	183	41	50	26	54	15	39	13	40	66	25	65	15	46	8	50	3
1 Mt. Airy	57.09	91.10	3,606.25	182	3.6	2.6	95.1	106	89	50	63	21	17	10	20	9	10	9	15	26	12	25	5	14	5	24	----
1 Hampstead	77.15	116.20	3,359.05	187	3.1	2.3	74.8	86.1	86	46	48	16	16	12	16	5	9	12	6	21	11	18	10	9	5	12	6
1 Union Bridge	93.40	132.26	2,443.00	188	3.3	.9	52.4	61.5	85	39	32	7	11	8	12	9	6	5	3	12	16	14	6	12	3	8	----
1 Taneytown	72.80	107.00	2,121.00	186	2.9	.6	55.3	62	90	26	40	11	14	7	12	7	7	----	7	23	2	17	2	13	1	7	----
2 New Windsor (Blue Ridge)	53.87	78.34	1,150.00	180	3	----	42	47	95	20	30	11	13	4	13	3	3	----	----	16	8	14	3	6	----	----	----
1 Sykesville	66.14	104.47	1,916.00	188	3	----	42.9	50.0	85	38	19	7	8	8	5	9	5	----	----	16	9	10	3	12	2	----	----
2 Charles Carroll	133.88	173.50	1,150.00	187	2.1	.8	25.3	29	87	14	18	5	4	8	10	1	4	----	----	7	2	17	1	5	----	----	----
3 Manchester	187.95	229.41	622.00	187	1.4	.2	13.5	15	90	6	11	15	6	1	5	----	----	----	----	5	6	6	----	----	----	----	----
Mechanicsville	*355.54	355.54	----------	180	.8	.2	6.6	9	74	3	9	----	6	3	3	----	----	----	----	4	2	4	2	----	----	----	----
Totals	$82.41	$111.30	$21,144.80	185	31.7	13.8	647.5	730.5	87.1	337	435	134	145	87	150	58	83	39	71	196	93	190	47	117	24	101	9
CECIL																											
1 Elkton	$62.85	$87.72	$3,279.00	193	5	2.2	124.8	132.1	93.3	76	74	29	24	22	23	15	7	6	17	29	24	36	9	19	3	20	3
1 North East	47.15	75.75	2,530.00	193	3	1.2	84	88.6	94.8	33	62	15	22	8	12	6	12	2	13	24	13	19	1	18	----	15	----
1 Calvert Agricultural	69.86	105.75	2,113.00	193	3	.8	53.3	58.9	90.1	24	40	10	15	5	9	3	8	4	5	19	6	12	2	11	----	9	----
1 Chesapeake City	100.93	137.58	2,011.00	193	3	1.8	50.5	54.9	91.9	32	28	15	14	8	'	3	8	5	1	19	10	11	1	9	2	6	----
1 George Biddle	70.06	114.83	1,988.00	193	3	----	39.7	44.4	89.4	19	28	9	11	4	,	1	8	4	2	17	3	9	2	8	1	6	----
1 Perryville	106.08	141.67	1,150.00	193	3	----	28	32.2	86.9	18	20	12	7	4	5	----	2	1	5	11	8	7	2	2	----	6	----
2 Rising Sun	77.75	152.96	2,181.26	193	2	1	25.5	29	87.9	12	24	2	14	7	6	2	3	----	----	11	5	7	6	4	1	----	----
3 Fair Hill	34.57	58.21	622.00	190	1	----	23	26.3	87	19	13	9	2	10	10	----	----	----	----	3	8	14	6	----	----	----	----
Totals	$68.26	$102.32	$15,874.26	192.7	23	7	428.8	466.4	92.0	233	289	101	109	68	76	30	48	22	43	133	77	115	29	71	7	62	3
CHARLES																											
1 Indian Head	------	$89.15	†$6,559.03	187	3	----	66.1	73.5	93.1	35	47	8	14	7	17	4	4	4	5	20	3	20	4	8	----	9	----
3 Tompkinsville	$32.10	74.10	622.00	177	1	----	12.4	14.9	83.2	10	8	8	3	1	5	----	----	----	----	8	4	4	2	----	----	----	----
3 Pomonkey Colored	4.08	55.49	719.75	161	1	----	12.3	14	85.8	7	11	4	3	----	5	----	3	----	----	4	3	5	----	3	----	----	----
Totals	$5.21	$82.39	$7,900.78	182.4	5	----	96.2	102.4	94.0	52	66	22	20	8	27	4	7	4	5	32	10	29	6	11	----	9	----

* Not on approved list.
† Of this amount $4,535.78 came from the Federal Government.

TABLE XXI—Continued

APPROVED HIGH SCHOOLS—COST PER PUPIL, STATE AID, TEACHERS, ENROLLMENT AND ATTENDANCE, YEAR ENDING JULY 31, 1923

Group	Name of High School	Current Expense Cost per Pupil Belonging		State and Federal Aid, 1922-1923	Number of Days in Session	Number of Teachers		Average Number		Per Cent of Attendance	Total Enrollment		Enrollment Exclusive of Withdrawals by Transfer, Removal or Death													
													By Year and Sex								By Year, Promotion or Non-Promotion							
													I		II		III		IV		I		II		III		IV	
		For County	Total			Regular	Special	Attending	Belonging		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Promoted	Not Promoted	Promoted	Not Promoted	Promoted	Not Promoted	Promoted	Not Promoted
	DORCHESTER																											
1	Cambridge	$61.98	$75.18	$4,456.00	183.6	9	5	313.0	338	92.5	162	199	80	77	24	41	30	38	25	39	72	85	42	23	49	19	57	7
1	Hurlock	57.59	87.70	2,443.00	183.1	3	1	75.9	81	93.6	35	52	12	17	6	9	9	17	9	7	20	9	12	3	22	4	16	----
1	East New Market	73.74	121.10	1,845.00	182	3	----	35.6	39	91.4	17	28	9	11	3	4	2	4	3	9	12	8	6	1	6	----	12	----
2	Vienna	63.41	104.23	1,150.00	184	2	----	27.4	28.2	96.8	10	21	3	12	2	6	5	2	----	----	13	2	8	----	7	----	----	----
3	Crapo	54.60	92.71	622.00	184	1	----	13.8	16.3	85.1	7	16	6	12	1	4	----	----	----	----	6	12	4	1	----	----	----	----
3	El Dorado	57.55	94.26	622.00	174	1	----	14.5	16.9	88.9	3	14	3	7	----	7	----	----	----	----	9	1	4	3	----	----	----	----
1	Cambridge Colored	16.28	36.18	1,452.00	172	*2.6	*1.4	63.8	73	87.2	29	49	13	25	5	10	5	6	5	7	26	12	10	5	7	4	12	----
	Totals	$56.27	$77.54	$12,590.00	181	*21.6	*7.4	554.0	592.4	92.4	263	379	126	161	41	81	51	67	42	62	158	129	86	36	91	27	97	7
	FREDERICK																											
		$70.76	$78.88	$4,790.00	172.5	17	7	558.5	589.3	94.9	324	305	105	73	83	88	70	77	60	66	125	53	123	48	112	35	119	7
1	Brunswick	44.97	67.13	4,638.00	189	5	4	191.5	208.8	91.7	101	129	38	37	29	41	21	25	11	20	42	33	50	20	32	14	30	1
1	Middletown	51.79	96.40	5,999.96	190	4	3.4	120.8	134.6	89.7	65	80	24	21	18	14	11	16	11	29	39	6	23	9	18	9	40	----
1	Thurmont	47.54	73.21	3,305.00	189.5	4	2.2	113.0	128.4	88.0	64	75	27	30	12	18	14	10	7	15	31	26	23	7	21	3	20	2
1	Emmitsburg	70.40	104.47	2,109.00	189.5	3	.8	54.0	61.8	87.2	27	43	14	12	4	17	4	5	5	7	21	5	17	4	7	2	10	2
1	Libertytown	61.90	108.24	1,916.00	190	3	----	36.9	41.4	89.2	25	22	16	8	2	6	5	7	2	1	15	9	7	1	12	----	3	----
2	Myersville	56.60	84.11	1,150.00	190	2	----	33.4	41.7	78.9	26	21	11	5	8	8	7	8	----	----	11	5	13	3	11	4	----	----
3	Walkersville	34.80	53.39	622.00	184	1	----	31.2	33.5	93.1	16	23	13	14	2	9	----	----	----	----	19	8	11	----	----	----	----	----
2	New Market	48.20	81.57	1,078.00	189.7	2	----	27.5	32.3	85.4	18	16	11	5	3	7	3	4	----	----	11	5	8	2	6	1	----	----
3	Adamstown	42.86	70.80	622.00	191	1	----	19.2	22.2	86.6	8	16	5	9	3	7	----	----	----	----	9	5	6	4	----	----	----	----
3	Wolfsville	22.72	61.92	622.00	191	1	----	12.9	15.8	81.5	15	8	10	4	5	4	----	----	----	----	6	8	4	5	----	----	----	----
2	Frederick Colored	25.13	41.95	814.00	191	2	----	43.7	48.3	90.5	20	34	8	17	8	7	4	10	----	----	18	7	12	3	12	2	----	----
	Totals	$57.94	$78.29	$27,665.96	183	45	17.4	1,242.6	1,358.1	91.4	709	772	282	235	177	226	139	162	96	138	347	170	297	106	231	70	222	12
	GARRETT																											
1	Oakland	$49.35	$74.82	$4,923.64	183	5.5	3.5	175	193.0	90.4	103	113	49	43	28	37	13	22	13	11	56	36	35	30	28	7	22	2
1	Kitzmiller	42.75	74.35	1,964.00	185	3	----	56.5	62.2	90.7	27	54	10	22	7	13	6	8	4	11	9	23	8	12	10	4	14	1
1	Friendsville	75.64	117.16	1,749.00	183	2	1.0	37.7	42.2	89.2	26	29	11	18	9	3	4	5	2	3	21	8	10	2	6	3	5	----
1	Accident	63.40	104.07	1,868.00	182	3	----	41.6	46.0	90.4	28	27	14	13	4	7	6	3	2	5	23	4	7	4	7	2	7	----
1	Grantsville	56.00	129.27	2,965.95	182	2.2	.8	33.4	40.5	87.4	23	21	9	8	3	3	4	4	7	6	13	4	5	1	8	----	13	----
	Totals	$53.54	$88.60	$13,470.59	183	15.7	5.3	346.1	383.9	90.2	207	244	93	104	51	63	33	42	28	36	122	75	65	49	59	16	61	8

* Includes one-half the time of the Supervisor.

HARFORD																											
1 Bel Air	$55.48	$74.66	$3,592.00	195	5	3	172.3	187.3	92.0	85	120	42	37	23	26	12	31	6	23	42	37	33	16	33	10	25	4
1 Havre de Grace	67.32	88.31	3,249.00	186	5	1.8	140.8	154.9	91.4	73	98	34	28	17	24	7	21	12	15	41	21	23	18	19	9	26	1
1 Highland	35.43	92.31	5,056.00	195	3	2	81.5	88.7	91.8	46	49	16	17	12	15	8	10	9	6	22	11	17	10	12	6	14	1
1 Aberdeen	55.97	94.97	2,185.00	195	3	.4	52.7	56.1	93.9	24	38	11	17	5	8	5	7	2	4	23	5	10	3	8	4	6	----
1 Jarrettsville	65.93	121.91	3,000.70	195	3.2	.8	47.7	53.6	89.0	17	41	5	21	7	3	3	9	2	5	9	17	5	5	10	2	7	----
1 Slate Ridge	75.10	128.60	1,868.00	195	3	----	32.6	34.9	92.2	11	30	5	11	3	5	2	9	----	3	5	11	6	2	10	1	3	----
2 Darlington	75.40	120.59	1,150.00	195	2	----	20.5	25.5	80.0	17	18	6	10	3	3	7	4	----	----	4	12	5	1	3	8	----	----
Totals	$58.52	$92.27	$20,100.70	194.8	24.2	8	548.1	601.0	91.2	273	394	119	141	70	84	44	91	31	56	146	114	99	55	95	40	81	6
HOWARD																											
1 Ellicott City	$45.03	$77.28	$4,350.00	187	4	2.4	123	135	91	58	97	19	31	18	21	8	19	6	24	33	17	18	21	20	7	28	2
1 Clarksville	60.93	116.29	2,756.87	185.5	3.5	.5	43	49.8	87	26	28	14	10	5	6	3	10	4	2	16	8	6	5	9	4	6	----
2 Lisbon	55.57	87.99	1,102.00	189	2	----	30	34	88	13	26	9	12	3	7	----	7	----	----	15	6	9	1	5	2	----	----
3 Elkridge	53.09	87.64	622.00	188	1	----	16	18	88	9	16	7	4	2	6	----	----	----	----	9	2	5	3	----	----	----	----
3 Savage	66.01	102.71	622.00	187	1	----	16	17	91	7	14	4	4	2	8	----	----	----	----	5	3	9	1	----	----	----	----
Totals	$51.58	$88.89	$9,452.87	189.2	11.5	2.9	228	253.8	89.9	113	181	53	61	30	48	11	36	10	26	78	36	47	31	34	13	34	2
KENT																											
1 Chestertown	$67.38	$93.99	$3,281.00	189	4.2	2.8	114	123	93.1	62	73	14	9	17	18	12	20	17	19	12	11	15	20	21	11	35	1
1 Rock Hall	135.75	173.03	2,011.00	189	3	3	48	54	90	19	37	6	15	8	5	3	8	1	7	16	5	12	1	11	----	8	----
1 Galena	95.20	133.45	1,796.00	189	3	.8	41	47	89	18	31	7	5	6	14	4	8	1	3	5	7	8	12	10	2	2	2
2 Millington	78.00	128.03	1,150.00	189	2	----	20	23	88	7	20	3	6	2	5	----	1	----	6	3	6	5	2	----	1	6	----
2 Betterton	200.70	258.20	1,150.00	189	2	1.2	18	20	89.8	16	9	6	1	6	4	2	4	----	----	2	5	4	6	4	2	----	----
2 Chestertown Colored	43.38	77.39	680.00	161	2	----	18	20	86.4	6	24	5	12	1	10	----	1	----	----	9	8	10	1	1	----	----	----
Totals	$93.21	$128.38	$10,068.00	185	16.2	7.8	259	287	90.2	128	194	41	48	40	56	21	42	19	35	47	42	54	42	47	16	51	3
MONTGOMERY																											
1 Rockville	$47.15	$62.10	$3,450.00	190	5.8	1.2	209.6	231.2	90.6	97	151	45	53	18	40	20	32	10	24	66	32	35	23	40	12	32	2
1 Gaithersburg	48.51	89.36	4,338.20	190	3.8	1.2	96.4	106.2	90.4	52	68	19	15	15	17	9	16	7	12	23	11	21	11	19	6	16	3
1 Sandy Spring	55.70	90.61	2,520.00	190	3.7	.7	63.3	72.2	87.6	37	43	14	14	9	9	12	11	1	8	16	12	12	6	15	8	9	----
1 Poolesville	102.40	143.26	2,011.00	190	3	----	44.3	49.0	90.3	23	31	9	10	6	11	5	6	3	3	11	8	13	4	9	2	6	----
1 Fairland	92.60	145.59	2,011.00	190	2.8	.2	33.5	37.9	88.2	15	30	8	10	3	8	4	2	0	9	13	5	6	5	5	1	7	2
2 Damascus	82.84	120.91	1,150.00	189	2	----	23.6	30.2	78.3	11	26	6	7	4	13	1	6	----	----	3	10	14	3	7	----	----	----
3 Dickerson	108.35	151.74	622.00	190	1	----	12.7	14.3	89.2	10	11	8	6	1	5	----	----	----	----	4	10	5	1	----	----	----	----
3 Germantown	123.70	169.31	622.00	189	1	----	10.5	13.6	77.0	7	8	2	6	5	2	----	----	----	----	2	6	4	3	----	----	----	----
Totals	$61.89	$92.20	$16,724.20	189.9	23.1	3.3	493.9	554.6	88.9	252	368	111	121	61	105	51	73	21	56	138	94	110	56	95	29	70	7

TABLE XXI—Continued.

APPROVED HIGH SCHOOLS—COST PER PUPIL, STATE AID, TEACHERS, ENROLLMENT AND ATTENDANCE, YEAR ENDING JULY 31, 1923

Group	Name of High School	Current Expense Cost per Pupil Belonging		State and Federal Aid, 1922-1923	Number of Days in Session	Number of Teachers		Average Number		Per Cent of Attendance	Total Enrollment		Enrollment Exclusive of Withdrawals by Transfer, Removal or Death								Promotion or Non-Promotion By Year,							
													By Year and Sex								I		II		III		IV	
													I		II		III		IV									
		For County	Total			Regular	Special	Attending	Belonging		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Promoted	Not Promoted	Promoted	Not Promoted	Promoted	Not Promoted	Promoted	Not Promoted
	PRINCE GEORGE'S																											
1	Hyattsville	$59.71	$77.40	$5,248.00	186	8.2	4.2	273.0	295.0	92.6	151	192	66	78	39	50	23	37	15	19	86	58	47	42	43	17	34	----
1	Laurel	73.00	98.65	3,450.00	180	5.6	1.7	124.8	134.6	92.7	70	79	32	31	19	21	11	15	7	9	21	42	20	20	23	3	12	4
1	Upper Marlboro	69.55	97.51	2,507.00	189	4	.2	82.2	89.9	91.4	47	56	14	16	16	20	7	17	8	12	19	11	23	13	20	4	8	2
1	Surrattsville	74.55	112.82	2,420.00	191	3	.8	56.7	63.2	89.6	30	41	13	12	8	11	2	8	6	5	10	15	14	5	10	----	11	----
1	Baden	92.77	160.38	4,633.00	188	3	2.2	56.3	60.5	93.0	23	40	11	9	3	11	4	8	5	9	19	1	11	3	10	2	13	1
1	Brandywine	106.00	141.20	1,796.00	190	3	.6	46.7	51.1	91.4	23	38	5	7	10	7	5	19	2	3	12	----	14	3	22	2	4	1
3	Bowie	48.45	68.57	575.00	192	1	----	27.0	28.6	94.3	11	18	7	15	2	3	----	----	----	----	14	8	5	----	----	----	----	----
3	Fort Foote	72.00	113.97	575.00	179	1	----	10.6	13.7	77.8	6	13	2	8	4	5	----	----	----	----	4	6	5	4	----	----	----	----
	Totals	$70.39	$99.14	$21,204.00	186.3	28.8	9.7	677.3	736.6	91.8	361	477	150	176	101	128	52	104	43	47	185	141	139	90	128	28	82	8
	QUEEN ANNE'S																											
1	Centreville	$87.60	$119.45	$4,200.00	192	5	2.7	121.5	132	92	58	85	22	24	20	29	12	16	2	13	29	17	26	23	24	3	15	----
1	Tri-County	78.39	107.60	2,323.00	193	3.2	1.8	74.5	80	93	33	53	9	20	9	10	7	4	13	15	14	15	3	13	4	13	4
1	Sudlersville	58.77	96.46	1,989.00	190	3	.4	66	72	92	31	46	14	16	11	12	1	9	3	5	14	16	18	5	10	----	8	----
1	Stevensville	65.59	110.52	2,739.00	193	3	1.3	55.5	61	91	25	37	6	11	6	10	10	8	2	8	13	4	15	1	18	----	10	----
1	Church Hill	71.00	114.20	1,749.00	191	3	.4	36.5	40.5	91	14	28	4	14	9	7	1	2	----	4	12	6	11	5	3	1	4	----
	Totals	$76.95	$110.69	$13,000.00	191.8	17.2	6.6	354.0	385.5	91.9	161	249	55	85	55	67	34	42	11	43	83	57	85	37	68	8	50	4
	ST. MARY'S																											
3	Hollywood	$49.45	$82.04	$622.00	187	1	----	16.5	19.0	86.8	8	16	6	9	1	5	----	----	----	----	7	8	5	1	----	----	----	----
	SOMERSET																											
1	Crisfield	$50.21	$67.20	$3,748.00	180	6.5	2.5	200.2	220.7	90.7	110	122	32	31	39	33	18	38	14	18	44	24	49	23	48	8	31	1
1	Princess Anne	57.27	82.55	3,307.00	180	4.2	1.8	121.2	131	91.0	65	81	22	22	15	24	11	23	11	8	37	7	30	9	21	13	16	3
2	Marion	71.60	109.20	1,150.00	181	2	----	27.1	30.6	88.4	19	21	5	7	5	5	6	7	----	----	8	4	6	4	11	2	----	----
2	Deal's Island	74.25	117.99	1,150.00	172	2	----	25.4	26.4	96.1	12	17	4	5	6	5	1	7	----	----	6	3	8	3	8	----	----	----
2	Mt. Vernon	41.52	70.86	622.00	170	1	----	19.0	21.2	90	16	11	9	10	6	1	----	----	----	----	13	6	7	----	----	----	----	----
	Totals	$55.00	$78.15	$9,977.00	180	15.7	4.3	393	429.9	91.4	222	252	72	75	71	68	36	75	25	26	108	44	100	39	88	23	47	4
	TALBOT																											
1	Easton	$63.20	$89.15	$4,585.75	186	4	4.0	166.8	176.5	94.5	76	109	23	34	29	32	13	20	10	18	49	8	51	10	26	7	25	3
1	St. Michaels	72.60	103.87	2,875.00	184.9	4	.6	82.6	92.0	89.7	54	48	20	14	12	17	8	10	8	6	18	21	27	2	17	1	14	----
1	Tilghman	68.78	118.30	1,989.00	186	3	----	43.2	45.5	94.9	19	29	7	9	3	8	4	6	3	4	16	----	11	----	10	----	7	----
1	Oxford	86.00	134.74	2,011.00	186	3	.6	38.9	41.3	94.2	16	27	8	8	5	6	3	5	4	8	9	2	11	----	8	----	12	----
2	Trappe	71.55	103.49	1,150.00	186	2	----	33.6	36.0	93.3	20	21	14	13	5	3	2	3	----	----	18	9	7	1	5	----	----	----
	Cordova *	----	----	----	183	1	----	14.6	16.4	90.5	14	9	10	4	2	3	----	----	----	----	8	6	4	1	----	----	----	----
2	Easton Colored	32.60	54.60	748.00	164	1.3	1	29.7	34	87.7	14	26	5	16	2	7	4	3	----	----	11	10	9	----	5	2	----	----
	Totals	$66.22	$97.70	$13,358.75	184	18.3	6.2	409.4	441.7	91.6	213	269	87	98	58	76	34	47	25	36	129	56	120	14	71	10	58	3

WASHINGTON																												
1 Hagerstown (Girls)	$52.67	$59.50	$2,396.00	184	9	2.4	353	377	94	----	404	----	139	----	99	----	88	----	67	122	17	90	9	84	4	67	----	
1 Hagerstown (Boys)	44.10	47.80	2,396.00	184	8	2	328	351	93	386	----	110	----	107	----	82	----	53	----	66	44	44	63	48	34	48	5	
1 Williamsport	57.55	86.08	3,307.00	184	4	.6	109	116	94	58	69	32	35	10	15	11	10	5	9	45	22	17	8	20	1	13	1	
1 Smithsburg	34.10	52.85	2,011.00	177	3	.4	98	107	92	58	60	22	21	19	12	11	17	4	8	28	15	21	10	24	4	12	----	
1 Hancock	65.50	90.00	2,011.00	179	3	.4	76	82	92	42	48	12	16	14	15	12	11	5	4	21	7	23	6	17	6	8	1	
1 Clear Spring	40.80	83.75	4,168.00	184	3	1.2	90	97	93	51	52	15	25	12	9	18	6	5	12	36	4	17	4	18	6	17	----	
1 Boonsboro	115.85	157.76	2,011.00	184	3	.4	43	48	90	32	31	9	12	12	9	5	4	4	5	5	16	8	13	5	4	7	2	
Totals	$50.39	$65.98	$18,300.00	182.8	33	7.4	1,097	1,178	93.1	627	664	200	248	174	159	139	136	76	105	323	125	220	113	216	59	172	9	
WICOMICO																												
1 Salisbury	$68.20	$77.28	$4,791.00	188	18	6.0	488.5	525.9	92.9	244	350	110	120	60	77	31	67	37	72	145	94	95	42	72	26	91	18	
1 Delmar	56.60	83.73	2,323.00	188	2.7	.8	78.8	85.5	92.1	26	64	11	25	8	16	6	8	1	15	19	17	16	8	12	2	15	1	
1 Sharptown	69.58	100.16	1,989.00	188	----	.5	61.1	64.9	94.1	36	33	14	12	10	4	5	6	7	11	22	4	13	1	10	1	18	----	
2 Pittsville	36.79	62.05	1,126.00	188	2	----	39.5	44.4	88.4	23	34	8	8	7	10	6	13	----	----	13	3	10	7	15	4	----	----	
2 Nanticoke	83.97	117.72	1,150.00	187.9	2	----	30.6	33.9	90.1	18	21	9	12	3	7	6	2	----	----	13	8	6	4	7	1	----	----	
2 Hebron	55.37	90.28	1,126.00	188	2	----	29.7	32.1	92.6	16	21	14	9	5	4	6	7	----	----	9	4	7	2	10	3	----	----	
2 Mardela Springs	61.60	97.22	1,150.00	188	2	----	29.5	32.1	91.8	14	20	3	6	8	8	2	6	----	----	6	3	13	3	8	----	----	----	
3 Powellville	38.46	66.26	551.00	188	1	----	16.5	19.6	82.0	12	12	1	5	1	7	----	----	----	----	7	9	6	2	----	----	----	----	
2 Salisbury Colored	40.25	48.45	862.00	156.9	3	1	95.0	105.0	90.1	46	71	23	33	14	20	9	18	----	----	37	19	16	18	22	5	----	----	
Totals	$62.00	$77.85	$15,068.00	184.9	32.7	8.3	869.0	943.4	92.1	435	626	193	239	116	153	71	127	45	98	271	161	182	87	156	42	124	19	
WORCESTER																												
1 Pocomoke	$70.90	$102.07	$5,354.48	183	7	4	160.1	171.7	93.2	87	108	34	36	20	22	13	26	14	20	45	25	29	13	35	4	29	5	
1 Berlin	73.33	95.06	3,305.00	183	6	3	137.4	151.7	90.5	73	105	33	33	18	34	14	18	12	11	53	13	33	19	28	4	21	2	
1 Snow Hill	76.68	100.80	3,592.00	183	6	3	138.1	151.1	91.4	48	118	23	46	9	28	10	19	4	25	32	37	25	12	23	6	25	4	
1 Stockton	98.10	139.64	1,940.00	182	3	1	42.9	46.5	92.2	18	36	7	11	4	5	3	5	2	11	13	5	8	1	8	----	10	3	
1 Ocean City	63.68	106.73	1,720.00	183	3	----	35.9	39.9	90.0	12	29	3	9	4	5	1	8	3	4	6	6	6	3	6	3	7	----	
2 Girdletree	164.43	219.72	1,150.00	180.5	3	----	18.9	20.6	91.7	12	14	2	3	5	7	1	1	2	4	2	3	3	9	----	2	3	3	
Totals	$78.19	$107.50	$17,061.48	182.5	28	11	533.3	581.5	91.7	250	410	102	138	60	101	42	77	37	75	151	89	104	57	100	19	95	17	

* Not approved.

TABLE XXII

Approved High Schools—Per Cent of Non-Promotion, Graduates, Normal School Entrants, Withdrawals, Enrollment by Course and Special Subjects, Year Ending July 31, 1923

Group	Name of High School	Per Cent of Non-Promotion				Number of Graduates of 4-Year Course		Number of Juniors in Normal Schools Fall 1923		Withdrawals		ENROLLMENT BY COURSE						ENROLLMENT BY SPECIAL SUBJECTS						
												Academic		General		Commercial		Vocational						
		First Year	Second Year	Third Year	Fourth Year	Boys	Girls	Boys	Girls	Number	Per Cent	Boys	Girls	Boys	Girls	Boys	Girls	Agriculture	Home Economics	Home Economics	Manual Training	Music	Art	Physical Education
	ALLEGANY																							
1	Cumberland	26.5	11.0	13.2	3.5	29	58	----	16	*	*	266	415	----	----	12	30	----	----	438	261	-----	-----	-----
1	Beall (Frostburg)	58.5	51.5	38.7	5.9	19	45	5	27	*	*	158	238	----	----	13	23	----	----	261	171	-----	-----	432
1	Lonaconing (Central)	52.7	43.2	45.2	2.9	10	33	----	5	*	*	18	74	----	----	54	59	----	----	126	72	203	-----	200
1	Bruce (Westernport)	58.9	50.0	26.9	0	2	10	----	----	*	*	60	73	----	----	1	8	----	----	-----	-----	-----	-----	-----
1	Barton	3.8	26.7	16.7	0	3	11	----	5	*	*	----	----	26	41	4	11	----	----	52	30	82	-----	82
2	Midland	44.4	42.3	11.1	----	----	----	----	----	*	*	28	51	----	----	----	----	----	----	-----	-----	-----	-----	-----
2	Flintstone	6.7	0	0	----	----	----	----	----	*	*	----	----	13	27	----	----	**28	----	27	-----	-----	-----	40
2	Mt. Savage	45.0	20.0	14.3	----	----	----	----	----	*	*	16	27	----	----	----	----	----	----	74	-----	-----	-----	-----
3	Old Town	30.8	54.5	-----	----	----	----	----	----	*	*	----	----	5	18	----	----	----	----	-----	-----	-----	-----	-----
1	Cumberland (Colored)	36.4	50.0	0	0	----	8	----	2	*	*	6	30	----	----	----	----	----	----	30	6	-----	-----	36
	Totals	39.7	31.7	23.0	3.6	63	155	5	57	*	*	552	908	44	86	84	131	**28	----	1,008	540	285	-----	790
	ANNE ARUNDEL																							
1	Annapolis	36.7	10.7	20.0	3.2	19	41	----	7	36	8.9	111	104	36	55	22	85	----	----	150	112	-----	-----	262
2	Tracey's Landing	18.7	35.7	16.7	----	----	----	----	----	3	8.3	17	19	----	----	----	----	----	----	-----	-----	-----	-----	-----
3	Shady Side	25.0	-----	-----	----	----	----	----	----	4	25.0	----	----	3	14	----	----	----	----	-----	-----	-----	-----	-----
1	Annapolis (Colored)	57.2	41.6	53.4	50.0	----	4	----	----	6	10.7	16	42	----	----	----	----	----	----	42	16	58	-----	-----
	Totals	36.5	15.6	24.5	8.6	19	45	----	7	49	9.6	144	165	39	69	22	85	----	----	192	128	58	-----	262
	BALTIMORE																							
1	Towson	24.3	24.7	8.3	0	13	35	2	15	25	6.8	168	187	----	----	5	23	----	----	210	173	383	8	-----
1	Catonsville	37.0	34.9	15.0	1.9	24	27	----	----	35	10.0	92	104	15	4	65	88	----	----	196	172	368	13	352
1	Sparrows Point	35.4	40.8	31.6	6.7	17	25	1	3	34	11.7	126	137	20	----	----	25	†20	----	162	126	308	-----	307
1	Franklin	15.1	14.1	4.3	0	18	32	----	5	21	8.1	89	80	8	1	36	51	----	----	132	133	260	-----	265
1	Randallstown	47.1	35.7	31.8	7.7	5	7	----	4	8	9.6	30	39	----	----	5	11	----	----	50	35	-----	-----	85
1	Sparks	57.5	57.1	0	25.0	2	7	1	5	22	27.5	16	28	22	18	----	----	‡10	----	44	38	-----	-----	-----
2	Shane	5.8	-----	-----	----	----	----	----	----	1	5.9	----	----	11	10	----	----	----	----	-----	-----	-----	-----	-----
	Totals	31.4	30.1	15.8	3.6	79	133	4	32	146	10.1	521	575	76	33	111	198	----	----	794	677	1,319	21	1,009
	CALVERT																							
2	Prince Frederick	32.3	33.3	25.0	----	----	----	----	----	10	11.6	----	----	32	54	----	----	----	----	-----	-----	-----	-----	-----
3	Huntingtown	35.7	10.5	-----	----	----	----	----	----	3	9.1	----	----	17	17	----	----	----	----	-----	-----	-----	-----	-----
3	Solomons	38.5	40.0	-----	----	----	----	----	----	7	30.4	----	----	12	11	----	----	----	----	-----	-----	-----	-----	-----
	Totals	34.5	26.8	25.0	----	----	----	----	----	20	14.1	----	----	61	82	----	----	----	----	-----	-----	-----	-----	-----

CAROLINE																									
1 Denton	39.3	42.2	10.0	0	6	15	----	3	*	*	44	78	20	----	1	16	20	----	----	----	----	----	----	----	----
1 Federalsburg	32.7	15.4	28.2	0	3	12	----	2	*	*	30	74	----	----	30	12	----	----	69	55	----	----	----	----	----
1 Greensboro	31.3	14.8	36.8	0	2	12	----	3	*	*	43	64	----	----	----	----	----	----	64	43	----	----	----	----	----
1 Preston	62.8	14.3	0	0	3	5	----	3	*	*	33	47	----	----	----	----	----	----	34	17	----	----	----	----	----
1 Ridgely	63.3	50.0	17.6	0	3	6	1	2	*	*	23	57	----	----	----	----	14	----	57	----	----	----	----	----	----
2 Henderson	31.6	19.0	11.1	----	----	----	----	----	*	*	19	30	----	----	----	----	----	----	----	----	----	----	----	----	----
3 Denton Colored	0	42.8	----	----	----	----	----	----	*	*	8	11	----	----	----	----	----	----	11	8	----	----	----	----	----
Totals	42.1	27.5	20.7	0	17	50	1	13	*	*	200	361	20	----	31	28	34	----	235	123	----	----	----	----	----
CARROLL																									
1 Westminster	27.5	18.7	14.8	5.6	13	37	1	3	4	1.4	40	107	39	45	16	31	20	----	182	94	257	----	----	----	----
1 Mt. Airy	31.6	16.7	26.3	0	9	15	1	3	9	8.1	16	45	19	8	15	10	26	----	53	30	87	----	----	----	----
1 Hampstead	34.4	35.7	35.7	33.3	7	5	----	----	2	2.2	17	20	20	15	9	13	12	----	35	45	79	----	----	----	----
1 Union Bridge	57.2	30.0	20.0	0	5	3	----	1	10	14.1	34	32	5	----	----	----	----	----	32	39	71	----	----	----	----
1 Taneytown	8.0	10.5	7.1	0	----	7	----	----	3	4.6	26	36	----	4	----	----	----	----	26	19	66	----	----	----	----
2 New Windsor (Blue Ridge)	33.3	17.6	0	----	----	----	----	----	4	8.5	20	30	----	----	----	----	----	----	----	----	50	----	----	----	----
1 Sykesville	36.0	23.1	14.3	----	----	----	----	----	13	25.0	38	19	----	----	----	----	----	----	----	----	57	----	----	----	----
2 Charles Carroll	22.2	5.6	0	----	----	----	----	----	2	6.2	----	----	14	18	----	----	‡13	----	18	13	32	----	----	----	----
3 Manchester	54.6	0	----	----	----	----	----	----	4	23.5	6	11	----	----	----	----	----	----	11	6	----	----	----	----	----
Mechanicsville	33.3	33.3	----	----	----	----	----	----	6	50.0	----	----	3	9	----	----	----	----	----	----	----	----	----	----	----
Totals	32.2	19.8	17.0	8.2	34	67	2	7	57	7.3	197	300	100	99	40	54	‡58	----	357	246	699	----	----	----	----
CECIL																									
1 Elkton	45.3	20.0	13.6	13.0	6	14	----	----	20	14.0	71	67	----	----	5	7	----	----	74	76	150	----	----	----	----
1 North East	35.2	5.0	0	0	2	13	----	3	5	5.6	33	62	----	----	----	----	----	----	62	33	----	----	----	----	----
1 Calvert Agricultural	24.0	14.3	0	0	4	5	----	3	3	5.1	24	40	----	----	----	----	----	----	40	24	----	----	----	----	----
1 Chesapeake City	34.5	8.3	18.2	0	5	1	1	----	7	12.1	26	22	----	----	6	6	----	----	28	32	----	----	----	----	----
1 George Biddle	15.0	18.2	11.1	0	4	2	----	1	4	8.7	19	28	----	----	----	----	----	----	----	----	----	----	----	----	----
1 Perryville	42.1	22.2	0	0	1	5	----	3	4	16.1	18	20	----	----	----	----	----	----	----	----	----	----	----	----	----
2 Rising Sun	31.2	46.2	20.0	----	----	----	----	----	10	29.4	12	24	----	----	----	----	12	----	----	----	----	----	----	----	----
3 Fair Hill	72.7	30.0	----	----	----	----	----	----	8	25.8	19	13	----	----	----	----	----	----	----	----	----	----	----	----	----
Totals	36.7	20.1	9.0	4.6	22	40	1	10	61	12.3	222	276	----	----	11	13	12	----	201	165	150	----	----	----	----
CHARLES																									
1 Indian Head	13.0	16.7	0	0	4	5	----	4	18	28.1	35	47	----	----	----	----	----	----	----	----	----	----	----	----	----
3 Tompkinsville	33.3	33.3	----	----	----	----	----	----	4	22.2	10	8	----	----	----	----	----	----	----	----	----	----	----	----	----
3 Pomonkey Colored	42.8	0	0	----	----	----	----	----	2	13.3	----	----	7	11	----	----	7	11	----	----	----	----	----	----	----
Totals	23.8	17.1	0	0	4	5	----	4	24	24.7	45	55	7	11	----	----	7	11	----	----	----	----	----	----	----

* Not reported.
** 15 of these are girls.
† Includes pupils taking part time in industrial course with the Bethlehem Shipbuilding Corporation.
‡ Agriculture not considered vocational
‡ Agriculture at Charles Carroll School not considered vocational.

TABLE XXII—Continued

Approved High Schools—Per Cent of Non-Promotion, Graduates, Normal School Entrants, Withdrawals, Enrollment by Course and Special Subjects, Year Ending July 31, 1923

Group	Name of High School	Per Cent of Non-Promotion				Number of Graduates of 4-Year Course		Number of Juniors in Normal Schoos Fall 1923		Withdrawals		ENROLLMENT BY COURSE						ENROLLMENT BY SPECIAL SUBJECTS					
												Academic		General		Commercial		Vocational					
		First Year	Second Year	Third Year	Fourth Year	Boys	Girls	Boys	Girls	Number	Per Cent	Boys	Girls	Boys	Girls	Boys	Girls	Agriculture	Home Economics	Home Economics	Manual Training	Music	Art	Physical Education
	DORCHESTER																							
1	Cambridge	54.2	35.4	22.9	10.9	20	37	1	5	47	13.3	50	82	----	----	112	117	----	----	125	111	-----	126	-----
1	Hurlock	31.0	20.0	15.4	0	9	7	----	3	5	5.8	25	41	----	----	10	11	----	----	-----	-----	-----	-----	-----
1	East New Market	40.0	14.3	0	0	3	9	----	6	6	13.3	17	28	----	----	----	----	----	----	-----	-----	-----	-----	-----
2	Vienna	13.3	0	0	----	----	----	----	----	----	----	10	21	----	----	----	----	----	----	-----	-----	-----	-----	-----
3	Crapo	66.7	20.0	-----	----	----	----	----	----	10	4.3	7	16	----	----	----	----	----	----	-----	-----	-----	-----	-----
3	El Dorado	10.0	42.8	----	----	----	----	----	----	----	----	3	14	----	----	----	----	----	----	-----	-----	-----	-----	-----
1	Cambridge Colored	31.6	33.3	36.4	----	5	7	----	----	10	14.9	29	49	----	----	----	----	----	----	-----	-----	-----	-----	-----
	Totals	44.9	29.5	22.9	6.7	37	60	1	14	78	12.4	141	251	----	----	122	128	----	----	125	111	-----	126	-----
	FREDERICK																							
1	Brunswick	29.8	28.1	23.8	5.5	55	64	1	2	63	10.1	151	174	9	10	164	121	----	----	152	185	583	-----	-----
1	Middletown	44.0	28.6	30.4	3.2	11	19	----	7	27	12.2	41	62	2	4	58	63	----	42	-----	-----	-----	-----	-----
1	Thurmont	13.3	28.1	33.3	0	11	29	----	1	15	10.4	10	21	48	43	7	16	34	36	-----	10	127	-----	-----
1	Emmitsburg	45.6	23.3	12.5	9.1	6	14	----	3	13	9.8	55	67	----	----	9	8	----	----	50	40	116	-----	-----
1	Libertytown	19.2	19.0	22.2	16.7	3	7	----	4	12	17.6	27	43	----	----	----	----	----	----	43	27	-----	-----	-----
2	Myersville	37.5	12.5	0	0	2	1	----	----	10	21.3	25	22	----	----	----	----	----	----	-----	-----	-----	-----	-----
3	Walkersville	31.2	18.7	26.7	----	----	----	----	----	12	25.5	26	21	----	----	----	----	----	----	-----	-----	-----	-----	-----
2	New Market	29.6	0	-----	----	----	----	----	----	7	18.4	----	----	16	23	----	----	----	----	-----	-----	-----	-----	-----
3	Adamstown	31.2	20.0	14.3	----	----	----	----	----	2	6.1	18	16	----	----	----	----	----	----	-----	-----	-----	-----	-----
3	Wolfsville	35.7	40.0	-----	----	----	----	----	----	5	20.8	8	16	----	----	----	----	----	----	-----	-----	-----	-----	-----
2	Frederick Colored	57.1	55.5	-----	----	----	----	----	----	10	43.5	15	8	----	----	----	----	----	----	-----	-----	-----	-----	-----
	Totals	28.0	20.0	14.3	----	----	----	----	----	8	14.8	20	34	----	----	----	----	----	----	-----	-----	-----	-----	-----
	GARRETT	32.9	26 3	23.3	5.1	88	134	1	17	184	12.6	396	484	75	80	238	208	34	78	245	262	826	-----	-----
1	Oakland	39.2	46.1	20.0	8.3	12	10	----	1	*	*	87	56	----	43	16	14	----	43	-----	49	42	-----	-----
1	Kitzmiller	71.9	60.0	28.6	6.7	4	10	----	3	*	*	20	41	7	13	----	----	----	----	-----	-----	-----	-----	-----
1	Friendsville	27.6	16.7	33.3	0	2	3	----	----	*	*	20	21	----	----	6	8	----	----	-----	-----	-----	-----	-----
1	Accident	14.8	36.4	22.2	0	2	5	----	1	*	*	12	20	16	7	----	----	----	----	-----	-----	-----	-----	-----
1	Grantsville	23.5	16.7	0	0	7	6	----	----	*	*	----	----	23	21	----	----	11	10	-----	-----	-----	-----	-----

HARFORD																							
1 Bel Air	46.8	32.7	23.3	13.8	4	21	----	4	19	9.5	59	75	21	24	5	21	----	----	82	73	-----	-----	-----
1 Havre de Grace	33.9	43.9	32.1	3.7	11	15	----	1	15	9.5	47	46	23	32	3	20	----	----	97	73	-----	-----	-----
1 Highland	33.3	37.0	33.3	6.6	8	6	----	-----	6	6.4	13	37	11	1	----	----	34	13	38	24	-----	-----	-----
1 Aberdeen	7.8	23.1	33.3	0	2	4	1	2	5	8.5	12	36	34	13	----	----	----	----	-----	-----	-----	-----	-----
1 Jarrettsville	65.5	50.0	16.7	0	2	5	----	3	5	9.1	3	25	14	16	----	----	**25	----	-----	-----	-----	-----	-----
1 Slate Ridge	68.8	25.0	9.1	0	----	3	----	3	6	15.8	11	30	----	----	----	----	----	----	-----	-----	-----	-----	-----
2 Darlington	75.0	16.7	72.7	----	----	-----	----	-----	11	33.3	7	6	10	12	----	----	----	----	-----	-----	-----	-----	-----
Totals	43.8	35.7	29.6	6.9	27	54	1	13	67	10.5	152	255	113	98	8	41	59	13	217	170	-----	-----	-----
HOWARD																							
1 Ellicott City	34.0	53.8	25.9	6.6	4	24	----	3	5	3.4	51	80	----	----	7	17	----	28	-----	-----	155	-----	-----
1 Clarksville	33.3	45.5	30.8	0	4	2	----	1	8	14.8	26	28	----	----	----	----	15	----	-----	-----	-----	-----	-----
2 Lisbon	28.6	10.0	28.6	----	----	-----	----	-----	4	10.5	13	26	----	----	----	----	----	----	-----	-----	-----	-----	-----
3 Elkridge	18.2	37.5	-----	----	----	-----	----	-----	16	84.2	----	---	9	16	----	----	----	----	-----	-----	-----	-----	-----
3 Savage	37.5	10.0	-----	----	----	-----	----	-----	3	16.7	----	---	7	14	----	----	----	----	-----	-----	-----	-----	-----
Totals	31.6	39.7	27.7	5.5	8	26	----	4	36	13.1	90	134	16	30	7	17	15	28	-----	-----	155	-----	-----
KENT																							
1 Chestertown	47.8	57.2	34.4	2.8	16	19	----	1	15	11.9	56	63	----	----	6	10	----	----	73	62	-----	135	-----
1 Rock Hall	23.8	7.7	0	0	1	7	----	5	-----	-----	7	11	12	26	----	----	----	----	37	19	-----	-----	56
1 Galena	58.3	60.0	16.7	50.0	1	1	----	-----	8	16.7	18	31	----	----	----	----	----	----	31	18	-----	-----	-----
2 Millington	66.7	28.6	100.0	0	----	6	----	-----	3	13.0	2	20	5	----	----	----	----	----	-----	-----	20	-----	-----
2 Betterton	71.4	60.0	33.3	----	----	-----	----	-----	6	26.1	16	9	----	----	----	----	----	----	9	16	-----	-----	-----
2 Chestertown Colored	47.0	9.1	0	----	----	1	----	-----	8	27.6	6	24	----	----	----	----	----	----	-----	-----	-----	-----	-----
Totals	47.2	43.7	25.4	5.6	18	34	----	6	40	13.2	105	158	17	26	6	10	----	----	150	115	20	135	56
MONTGOMERY																							
1 Rockville	32.6	39.7	23.1	5.9	8	24	----	3	33	13.6	86	118	----	----	11	33	----	----	95	----	-----	-----	-----
1 Gaithersburg	32.4	34.4	24.0	15.8	5	11	----	1	13	11.8	52	68	----	----	----	----	3	21	25	39	-----	-----	-----
1 Sandy Spring	42.8	33.3	34.8	0	1	28	----	1	11	14.1	18	42	19	1	----	----	----	----	19	29	-----	-----	-----
1 Poolesville	42.1	23.5	18.2	0	3	3	----	-----	7	13.2	7	20	16	11	----	----	----	----	-----	-----	-----	-----	-----
1 Fairland	27.8	45.5	16.7	22.2	----	7	----	2	13	29.5	----	---	15	30	----	----	----	----	-----	-----	-----	-----	-----
2 Damascus	77.0	17.6	0	----	----	-----	----	-----	13	35.1	11	26	----	----	----	----	----	----	-----	-----	-----	-----	-----
3 Dickerson	71.4	16.7	-----	----	----	-----	----	-----	12	60.0	10	11	----	----	----	----	----	----	-----	-----	-----	-----	-----
3 Germantown	75.0	42.8	-----	----	----	-----	----	-----	14	93.3	----	---	7	8	----	----	----	----	-----	-----	-----	-----	-----
Totals	40.5	33.7	23.4	9.1	17	73	----	7	116	17.7	184	285	57	50	11	33	3	21	139	68	-----	-----	-----

* Not reported
** 13 of these are girls.

TABLE XXII—Continued

Approved High Schools—Per Cent of Non-Promotion, Graduates, Normal School Entrants, Withdrawals, Enrollment by Course and Special Subjects, Year Ending July 31, 1923

Group	Name of High School	Per Cent of Non-Promotion				Number of Graduates of 4-Year Course		Number of Juniors in Normal Schools Fall 1923		Withdrawals		ENROLLMENT BY COURSE						ENROLLMENT BY SPECIAL SUBJECTS						
												Academic		General		Commercial		Vocational						
		First Year	Second Year	Third Year	Fourth Year	Boys	Girls	Boys	Girls	Number	Per Cent	Boys	Girls	Boys	Girls	Boys	Girls	Agriculture	Home Economics	Home Economics	Manual Training	Music	Art	Physical Education
	PRINCE GEORGE'S																							
1	Hyattsville	40.3	47.2	28.3	0	13	19	----	1	59	18.0	96	175	20	2	33	17	37	----	173	149	233	15	-----
1	Laurel	66.7	50.0	11.5	25.0	5	7	----	3	15	10.4	37	35	2	----	32	45	----	----	78	71	149	-----	-----
1	Upper Marlboro	36.7	36.1	16.7	20.0	6	13	----	2	19	19.0	47	56	----	----	----	----	----	----	----	-----	103	-----	-----
1	Surrattsville	60.0	26.3	0	0	6	5	----	----	9	13.9	30	42	----	----	----	----	----	----	42	-----	71	-----	-----
1	Baden	5.0	21.4	16.7	7.1	5	8	----	3	----	----	----	----	23	40	----	----	22	39	----	-----	63	10	-----
1	Brandywine	0	17.6	8.3	20.0	2	2	----	2	7	12.1	5	7	19	27	----	----	----	----	38	-----	61	9	-----
3	Bowie	36.4	0	-----	----	----	----	----	----	2	7.4	7	21	----	----	----	----	----	----	----	-----	----	-----	-----
3	Fort Foote	60.0	44.5	-----	----	----	----	----	----	9	47.4	----	----	6	13	----	----	----	----	----	-----	----	-----	-----
	Totals	43.3	39.3	17.9	8.9	39	43	----	11	120	15.0	222	336	70	82	65	62	59	39	331	220	680	31	-----
	QUEEN ANNE'S																							
1	Centreville	37.0	46.9	11.1	8.0	2	13	----	4	22	16.1	44	78	8	----	6	7	8	----	85	58	-----	-----	-----
1	Tri-County	48.3	16.7	23.5	23.5	4	9	1	2	5	6.2	25	44	----	----	8	9	----	----	53	33	-----	-----	-----
1	Sudlersville	54.4	21.7	0	0	3	5	----	2	3	4.2	31	46	----	----	----	----	----	----	46	31	-----	-----	-----
1	Stevensville	23.5	6.2	0	0	2	8	----	3	3	4.9	21	37	4	----	----	----	4	----	37	25	-----	-----	-----
1	Church Hill	33.3	31.2	25.0	0	----	4	----	2	2	4.8	14	28	----	----	----	----	----	----	28	14	-----	-----	-----
	Totals	40.7	30.3	10.5	7.4	11	39	1	13	35	8.9	135	233	12	----	14	16	12	----	249	161	-----	-----	-----
	ST. MARY'S																							
3	Hollywood	53.4	16.7	-----	----	----	----	----	----	8	38.1	----	----	8	16	----	----	----	----	----	-----	-----	-----	-----
	SOMERSET																							
1	Crisfield	35.3	31.9	14.3	3.1	13	18	----	5	25	11.0	91	90	----	----	19	32	----	----	97	78	-----	-----	-----
1	Princess Anne	15.9	23.1	38.2	15.8	9	7	----	----	9	6.6	48	51	6	1	11	25	----	----	79	-----	-----	-----	-----
2	Marion	33.3	40.0	13.4	----	----	----	----	----	3	8.6	19	21	----	----	----	----	----	----	----	-----	-----	-----	-----
2	Deal's Island	33.3	27.3	0	----	----	----	----	----	6	21.4	12	17	----	----	----	----	----	----	----	-----	-----	-----	-----
2	Mt. Vernon	31.6	0	-----	----	----	----	----	----	5	19.2	----	----	16	11	----	----	----	----	----	-----	-----	-----	-----
	Totals	29.0	28.1	20.7	7.8	22	25	----	5	48	10.6	170	179	22	12	30	61	----	----	176	78	-----	-----	-----
	TALBOT																							
1	Easton	14.0	16.4	21.2	10.7	8	17	----	1	15	8.4	62	78	----	----	14	31	13	23	39	76	62	-----	-----
1	St. Michaels	53.9	6.9	5.5	0	8	6	----	----	17	17.0	47	37	----	----	7	11	----	----	-----	50	98	-----	-----
1	Tilghman	0	0	0	0	3	4	----	1	4	9.1	19	29	----	----	----	----	----	----	----	-----	41	-----	-----
1	Oxford	18.2	0	0	0	4	8	----	----	2	4.8	16	27	----	----	----	----	----	----	27	-----	-----	-----	-----
2	Trappe	33.3	12.5	0	----	----	----	----	----	7	17.5	20	21	----	----	----	----	----	----	----	-----	-----	-----	-----
	Cordova *	42.8	20.0	-----	----	----	----	----	----	7	36.8	14	9	----	----	----	----	----	----	----	-----	-----	-----	-----
2	Easton Colored	47.6	0	28.6	----	2	3	----	----	7	18.9	----	----	14	26	----	----	----	----	26	-----	-----	-----	-----
	Totals	30.2	10.4	12.3	4.9	25	38	----	2	59	12.8	178	201	14	26	21	42	13	23	92	126	201	-----	-----

WASHINGTON																							
1 Hagerstown (Girls)	12.2	9.1	4.5	0	----	67	----	10	37	9.4	----	353	----	----	----	51	----	----	404	----	404	----	----
1 Hagerstown (Boys)	40.0	58.9	41.5	9.4	48	----	3	----	67	19.0	341	----	1	----	44	----	----	----	----	255	----	----	----
1 Williamsport	32.8	32.0	4.7	7.1	5	8	----	3	20	15.7	58	69	----	----	----	----	----	----	61	58	35	----	----
1 Smithsburg	34.9	32.3	14.3	0	4	8	----	----	10	8.8	58	60	----	----	----	----	----	----	34	40	----	----	----
1 Hancock	25.0	20.7	26.1	11.1	4	4	----	1	10	11.7	36	43	----	----	6	5	----	----	48	42	----	----	90
1 Clear Spring	10.0	19.0	25.0	0	5	12	1	3	7	6.9	17	48	34	4	----	----	†38	----	34	17	103	----	103
1 Boonsboro	76.2	61.9	44.4	22.2	2	5	----	----	20	33.3	26	20	11	11	----	----	----	----	22	23	----	----	----
Totals	27.9	33.9	21.5	5.0	68	104	4	17	171	13.8	536	593	46	15	50	56	†38	----	603	435	542	----	193
WICOMICO																							
1 Salisbury	39.3	30.6	26.5	16.5	29	62	----	18	79	3.6	88	161	135	127	21	62	----	----	340	244	70	----	----
1 Delmar	47.2	33.3	14.3	6.2	1	14	----	2	8	8.9	26	64	----	----	----	----	----	----	64	26	----	----	----
1 Sharptown	15.4	7.1	9.1	0	7	11	----	5	6	8.7	36	33	----	----	----	----	----	----	33	36	69	----	----
2 Pittsville	18.7	41.2	21.0	----	----	----	----	----	12	23.1	23	34	----	----	----	----	----	----	----	----	----	----	----
2 Nanticoke	38.1	40.0	12.5	----	----	----	----	----	7	17.9	18	21	----	----	----	----	----	----	----	----	----	----	----
2 Hebron	30.8	22.2	23.1	----	----	----	----	----	4	11.4	----	----	16	21	----	----	----	----	----	----	----	----	----
2 Mardela Springs	33.3	18.7	0	----	----	----	----	----	4	12.1	14	20	----	----	----	----	----	----	----	----	----	----	----
3 Powellville	56.3	25.0	----	----	----	----	----	----	10	41.2	12	12	----	----	----	----	----	----	----	----	----	----	----
2 Salisbury Colored	33.9	53.0	18.5	----	6	16	----	----	20	17.1	----	----	46	71	----	----	----	----	71	46	117	----	----
Totals	37.2	32.3	21.2	13.3	43	103	----	25	150	14.4	217	345	197	219	21	62	----	----	508	352	256	----	----
WORCESTER																							
1 Pocomoke	35.7	30.9	10.2	14.7	11	18	----	6	18	9.7	82	90	----	----	5	18	----	67	38	87	----	----	----
1 Berlin	19.7	36.5	12.5	8.7	11	10	----	5	21	12.1	64	98	----	----	9	7	----	----	105	73	----	----	----
1 Snow Hill	53.6	32.4	20.7	13.8	4	21	----	10	20	12.2	41	102	----	----	7	16	----	----	118	48	----	----	----
1 Stockton	27.8	11.1	0	23.1	2	8	----	2	6	12.5	18	36	----	----	----	----	----	----	36	----	----	----	----
1 Ocean City	50.0	33.3	33.3	0	3	4	----	----	4	10.8	12	29	----	----	----	----	----	----	----	----	----	----	----
2 Girdletree	60.0	75.0	100.0	50.0	----	3	----	----	10	40.0	12	14	----	----	----	----	----	----	----	----	----	----	----
Totals	37.1	35.4	15.9	15.2	31	64	----	23	79	12.5	229	369	----	----	21	41	----	67	297	208	----	----	----

* Not reported.
† Four of these are girls.

TABLE XXIII

BADGE TEST PARTICIPANTS AND WINNERS IN STATE-WIDE ATHLETICS, 1923

COUNTY	BOYS								GIRLS								TOTAL			
	Bronze		Silver		Gold		Super Gold		Bronze		Silver		Gold		Super Gold		Boys		Girls	
	P.*	W.*	P.	W.	P.	W.	P.	W.	P.	W.	P.	W.	P.	W.	P.	W.	P.	W.	P.	W.
Allegany	235	171	124	75	21	10	4	4	406	330	165	61	56	20	12	10	384	260	639	421
Anne Arundel	429	166	89	21	7	7	0	0	508	274	64	33	24	13	9	6	525	194	605	326
Baltimore	310	172	186	89	52	21	1	1	1,046	454	383	118	133	81	23	15	549	283	1,585	668
Calvert	40	13	23	4	3	2	0	0	81	50	28	6	8	4	0	0	66	19	117	60
Caroline	222	99	66	36	23	11	7	5	231	221	211	75	57	40	34	19	318	151	533	355
Carroll	104	48	39	16	8	4	0	0	211	154	103	37	22	10	5	3	151	68	341	204
Cecil	153	118	28	21	1	1	0	0	325	207	82	30	34	13	4	2	182	140	445	252
Charles	57	27	34	10	5	0	0	0	153	81	69	29	14	11	2	2	96	37	238	123
Dorchester	148	53	54	13	8	3	3	3	326	203	122	25	23	7	5	5	213	72	476	240
Frederick	480	216	191	61	23	10	3	3	547	463	333	91	105	32	8	3	697	290	993	589
Garrett	56	53	11	11	7	3	0	0	77	44	26	8	8	1	0	0	74	67	111	53
Harford	160	106	70	34	24	15	1	1	190	123	101	26	19	8	4	2	255	156	314	159
Howard	112	83	81	9	9	2	0	0	141	110	107	38	22	14	6	6	202	94	276	168
Kent	66	38	44	17	24	13	4	4	158	82	90	28	30	16	9	8	138	72	287	134
Montgomery	166	70	86	30	17	15	4	3	309	247	183	68	37	27	9	5	273	118	538	272
Prince George's	271	182	93	35	9	7	0	0	468	247	190	91	41	29	4	2	373	224	703	369
Queen Anne's	178	74	96	42	8	2	0	0	234	167	89	38	36	16	6	6	282	118	365	227
St. Mary's	39	9	6	0	0	0	0	0	107	58	41	8	4	3	0	0	45	9	152	69
Somerset	64	30	23	16	7	4	1	1	143	73	57	22	17	7	3	3	95	51	220	105
Talbot	163	108	54	31	18	11	11	11	254	110	166	36	29	25	10	8	246	161	459	179
Washington	92	81	72	50	24	10	2	2	266	160	116	34	36	19	9	2	190	143	427	215
Wicomico	184	84	47	18	10	7	0	0	213	167	94	67	26	19	4	2	241	109	337	255
Worcester	80	53	32	24	8	8	2	2	141	79	57	31	12	11	8	7	122	87	218	128
Totals	3,809	2,054	1,549	663	316	166	43	40	6,535	4,029	2,877	1,000	793	426	174	116	5,717	2,923	10,379	5,571

* P = Participants. W. = Winners.

SUMMARY OF TEAMS AND PARTICIPANTS FROM WHITE SCHOOLS ENTERED IN STATE-WIDE ATHLETICS, 1923

COUNTY	DODGE BALL				MIXED BALL		SPEED BALL		END BALL		CAPTAIN BALL		VOLLEY BALL		SOCCER		TOTAL	
	Boys		Girls															
	† T.	† P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.
Allegany	23	345	24	337	1	13	6	90	4	57	3	46	6	81	6	108	73	1,077
Anne Arundel	10	185	15	185	7	97	4	48	3	30	2	20	5	50	2	33	48	648
Baltimore	29	391	37	517	6	70	18	247	6	75	4	53	8	91	6	101	114	1,545
Calvert	1	13	2	21	13	169	2	23	0	0	0	0	2	30	3	33	23	289
Caroline	6	87	7	104	12	167	4	58	5	66	3	43	7	91	5	149	49	765
Carroll	18	229	18	231	12	163	1	15	3	87	1	37	10	132	9	192	72	1,086
Cecil	5	68	11	131	14	191	0	0	1	12	0	0	7	103	3	44	41	549
Charles	5	63	8	113	13	173	2	27	1	13	0	0	2	25	2	36	33	450
Dorchester	7	101	10	139	4	52	4	58	3	36	2	27	5	57	3	53	38	523
Frederick	17	243	21	301	21	278	11	165	3	59	2	44	9	127	8	148	92	1,365
Garrett	7	91	7	92	4	48	2	35	0	0	0	0	4	41	4	76	28	383
Harford	8	109	13	175	3	38	6	92	3	42	4	28	9	92	5	101	51	677
Howard	5	62	9	114	15	194	2	29	0	0	0	0	4	46	2	67	37	512
Kent	7	85	8	111	4	23	3	42	2	24	1	12	4	42	3	35	32	374
Montgomery	18	248	22	301	13	164	13	195	5	66	5	50	6	61	4	100	86	1,185
Prince George's	14	193	21	290	7	86	11	152	1	13	1	13	7	64	6	138	68	949
Queen Anne's	5	64	10	135	24	331	7	91	4	51	2	29	4	53	4	93	60	847
St. Mary's	9	110	9	125	6	79	2	28	0	0	0	0	1	13	0	0	27	355
Somerset	6	75	6	76	1	10	1	10	3	38	2	29	3	35	2	29	24	302
Talbot	11	138	12	129	10	134	1	15	5	64	5	13	5	54	5	102	54	649
Washington	8	103	5	71	0	0	1	15	2	26	2	26	5	61	5	83	28	385
Wicomico	8	106	9	123	8	110	1	15	2	25	1	13	5	49	3	52	37	493
Worcester	6	80	6	83	3	38	3	43	6	67	3	42	3	35	4	71	34	459
Total Counties:																		
1923	233	3,189	290	3,904	201	2,628	105	1,493	62	851	43	525	121	1,433	94	1,844	1,149	15,867
1922	231	3,249	190	3,938	149	1,856	54	805	61	855	33	429	94	1,150	84	1,596	896	13,878
Per cent of increase	*.9	*1.8	52.6	*.9	34.9	41.6	94.4	85.2	1.6	*.5	30.3	22.4	39.4	24.6	11.9	15.5	28.2	14.3
Baltimore City:																		
1923	28	280	52	570	—	—	—	—	—	—	—	—	2	20	—	—	82	870
1922	66	660	56	560	—	—	—	—	—	—	—	—	2	20	—	—	124	1,240
Per cent of increase	*57.6	*57.6	*7.1	1.8	—	—	—	—	—	—	—	—	—	—	—	—	*33.9	*29.9

* Per cent of decrease.
† T.=Number of teams. P.=Number of Participants.

TABLE XXV

RECEIPTS FROM ALL SOURCES FOR THE YEAR ENDING JULY 31, 1922

COUNTIES	Balance Aug. 1, 1922	State	County School Tax	Sales of Bonds	Licenses Dog Tax and Fines	Tuition Fees from Adjoining Counties	Tuition Fees from Patrons or Pupils	Interest on Deposits	Sales of Property	Other Sources	Borrowed	Total Receipts
Allegany	$312,638.31	$156,716.57	$459,958.00	$512,548.37	----------	----------	$184.10	$1,277.12	----------	$11,015.76	----------	$1,454,338.23
Anne Arundel	*20,132.56	90,428.21	245,704.00	159,052.97	$1,768.61	$917.02	485.25	----------	$1,001.00	9,697.06	----------	488,921.56
Baltimore	64,921.73	171,262.75	696,788.00	252,462.14	285.00	7,872.00	2,509.98	1,724.30	3,498.73	23,724.04	----------	1,225,048.67
Calvert	1,073.37	43,454.71	25,050.25	----------	1,227.70	----------	----------	----------	23.28	----------	----------	70,829.31
Caroline	714.56	66,862.46	111,920.00	----------	----------	3,423.12	----------	----------	1,665.00	462.62	----------	185,047.76
Carroll	755.13	86,766.76	228,928.29	----------	----------	13,965.02	186.00	----------	464.55	2,293.31	----------	333,359.06
Cecil	25,543.94	62,857.54	142,466.00	160,878.74	----------	75.00	35.00	353.34	150.00	538.50	$12,500.00	405,398.06
Charles	8,577.47	55,334.00	37,677.13	----------	512.05	375.00	----------	448.80	145.00	a15,395.01	----------	118,464.46
Dorchester	1,321.49	88,382.22	116,159.00	----------	3,994.10	----------	----------	152.50	540.00	379.49	----------	210,928.80
Frederick	28,791.79	143,123.61	273,670.52	191,810.97	----------	----------	----------	1,921.90	6,815.50	b4,982.38	5,750.00	656,866.67
Garrett	21.15	99,552.09	127,452.20	----------	299.25	19.09	----------	204.31	201.59	8,280.79	----------	236,030.38
Harford	4,038.82	74,900.38	148,412.73	100,751.32	800.00	148.50	----------	288.34	800.00	1,117.89	----------	331,257.98
Howard	2,463.78	44,575.79	76,664.72	----------	----------	146.70	62.50	144.82	86.11	1,213.09	3,000.00	128,357.51
Kent	4,394.14	44,166.43	83,500.00	----------	562.56	907.50	----------	105.62	134.26	53.42	13,011.50	146,835.43
Montgomery	1,891.23	83,299.32	259,969.00	----------	----------	----------	----------	15.68	961.91	9,395.98	----------	355,533.12
Prince George's	44,806.92	140,674.09	226,739.32	158,826.64	----------	2,537.50	182.50	5,206.19	534.23	10,176.81	----------	589,684.80
Queen Anne's	476.18	61,047.71	87,006.96	----------	1,131.30	3,110.50	----------	----------	450.00	897.46	----------	154,120.11
St. Mary's	4,739.90	41,023.65	40,540.00	----------	1,658.04	----------	----------	----------	21.35	40.15	----------	88,023.09
Somerset	1,198.60	96,852.52	75,700.00	----------	1,954.04	402.70	----------	83.28	187.89	682.33	----------	177,061.76
Talbot	377.25	51,146.53	113,985.00	36,444.05	350.53	----------	----------	----------	2,844.82	1,472.91	4,949.00	211,570.09
Washington	4,974.87	130,850.67	352,367.00	----------	----------	966.39	----------	----------	4,707.42	8,500.00	----------	502,366.35
Wicomico	4,299.50	100,216.76	166,376.55	----------	800.24	1,443.50	431.00	----------	151.00	1,718.76	----------	275,437.31
Worcester	----------	92,820.81	100,000.00	----------	----------	----------	727.70	----------	423.80	1,990.00	----------	195,962.31
Total Counties	$497,887.57	$2,026,315.58	$4,197,034.67	$1,572,775.20	$15,343.42	$36,309.45	$4,804.03	$11,927.20	$25,807.44	$114,027.76	$39,210.50	$8,541,442.82
Baltimore City	c----------	1,066,100.96	6,652,804.10	3,167,109.66	----------	17,853.49	----------	----------	10,794.54	----------	----------	c10,914,662.75
Total State	c$497,887.57	$3,092,416.54	$10,849,838.77	$4,739,884.86	$15,343.42	$54,162.94	$4,804.03	$11,927.20	$36,601.98	$114,027.76	$39,210.50	$19,456,105.57

* Overdraft.
a $12,730,119 received from Federal Government for Indian Head.
b $3,250 received for insurance on three burned buildings.
c Since Baltimore City's fiscal operations are on the calendar rather than the school year, balances have been omitted.
d $15,000,000 school loan approved in May 1923 not included.

TABLE XXVI

RECEIPTS FROM THE STATE OF MARYLAND FOR ALL PURPOSES FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	School Population and Attendance	High School Aid	Free Book Fund	Materials of Instruction	Salaries of Officials	Colored Industrial Fund	Equalization Fund	Special Appropriations	Total from State School Appropriations	Free School Fund	Vocational Fund	Total from State
Allegany	$108,655.96	$24,957.00	$9,862.64	$2,465.68	$8,832.00	$750.00			$154,923.28	$281.29	$1,512.00	$156,716.57
Anne Arundel	58,417.80	7,160.00	6,151.48	1,537.88	5,680.00	1,500.00	$8,999.00		89,446.16	601.80	380.25	90,428.21
Baltimore	118,236.16	21,807.00	12,644.84	3,161.20	11,520.00	750.00			168,119.20	623.55	2,520.00	171,262.75
Calvert	17,547.12	2,253.00	1,926.44	481.60	3,960.00	1,500.00	13,166.00	$2,500.00	43,334.16	120.55		43,454.71
Caroline	32,570.84	14,809.00	3,825.60	956.40	5,320.00	1,500.00	5,735.00		64,716.84	467.60	1,678.02	66,862.46
Carroll	49,831.00	18,890.00	5,634.48	1,408.60	6,680.00	1,500.00			83,944.08	567.88	2,254.80	86,766.76
Cecil	34,857.92	14,843.00	3,514.16	878.52	4,520.00	1,500.00	1,145.00		61,258.60	367.68	1,231.26	62,857.54
Charles	30,664.12	2,959.00	2,981.52	745.40	4,226.66	1,500.00	10,743.00	1,000.00	54,819.70	120.55	393.75	55,334.00
Dorchester	43,742.64	12,590.00	4,788.04	1,197.00	4,720.00	1,500.00	19,271.00		87,808.68	573.54		88,382.22
Frederick	82,088.88	24,216.00	8,679.84	2,169.96	7,600.00	1,500.00	11,703.00		137,957.68	1,102.13	4,063.80	143,123.61
Garrett	38,533.96	11,089.00	4,429.84	1,107.48	6,480.00		35,195.00		96,835.28	160.74	2,556.07	99,552.09
Harford	42,348.48	16,835.00	4,641.64	1,160.40	4,520.00	1,500.00			71,005.52	429.16	3,465.70	74,900.38
Howard	25,522.16	7,760.00	2,652.16	663.04	4,426.66	1,500.00			42,524.02	358.90	1,692.87	44,575.79
Kent	22,792.64	10,068.00	2,551.72	637.92	4,253.32	1,500.00	1,917.00		43,720.60	445.83		44,166.43
Montgomery	52,764.04	15,261.00	5,280.16	1,320.04	4,720.00	1,500.00			80,845.24	990.88	1,463.20	83,299.32
Prince George's	74,576.16	17,964.00	7,338.96	1,834.76	4,920.00	1,500.00	28,578.00		136,711.88	541.59	3,420.62	140,674.09
Queen Anne's	26,499.80	11,500.00	2,874.84	718.72	4,520.00	1,500.00	11,512.00		59,125.36		1,922.35	61,047.71
St. Mary's	29,544.24	622.00	2,845.28	711.32	4,520.00	1,500.00	985.00		40,727.84	295.81		41,023.65
Somerset	40,245.96	9,977.00	4,493.72	1,123.44	4,120.00	1,500.00	35,021.00		96,481.12	371.40		96,852.52
Talbot	27,650.44	12,365.00	3,006.44	751.60	4,120.00	1,500.00			49,393.48	608.50	1,144.55	51,146.53
Washington	92,544.68	16,575.00	9,427.36	2,356.84	6,880.00	750.00			128,533.88	591.79	1,725.00	130,850.67
Wicomico	45,592.20	15,068.00	5,127.56	1,281.88	6,280.00	1,500.00	24,867.00		99,716.64	500.12		100,216.76
Worcester	37,317.32	15,299.00	4,735.08	1,183.76	4,720.00	1,500.00	25,896.00		90,651.16	407.17	1,762.48	92,820.81
Total Counties	$1,132,544.52	$304,867.00	$119,413.80	$29,853.44	$126,938.64	$30,750.00	$234,733.00	$3,500.00	$1,982,600.40	$10,528.46	$33,186.72	$2,026,315.58
Baltimore City	903,276.80	28,750.00	80,586.20	20,146.56	18,960.00				1,051,719.55	1,125.16	13,256.25	1,066,100.96
Total State	$2,035,821.32	$333,617.00	$200,000.00	$50,000.00	$145,898.64	$30,750.00	$234,733.00	$3,500.00	$3,034,319.95	$11,653.62	$46,442.97	$3,092,416.54

TABLE XXVII

DISBURSEMENTS FOR THE YEAR ENDING JULY 31, 1923.

COUNTIES	General Control	Instruction	Operation	Maintenance	Auxiliary Agencies	Fixed Charges	Tuition to Adjoining Counties	Total Current Expense	Debt Service	Capital Outlay	Total Disbursed	Balance July 31, 1923	Grand Total
Allegany	$18,136.75	$535,270.86	$50,123.74	$5,528.83	$11,154.84	$8,135.53	———	$628,350.55	———	$436,845.98	$1,065,196.53	$389,141.70	$1,454,338.23
Anne Arundel	10,431.82	221,161.95	27,609.70	9,035.19	18,056.36	2,343.58	$1,245.00	289,883.60	$27,492.89	180,984.91	498,361.40	*9,439.84	488,921.56
Baltimore	23,417.20	662,508.09	62,250.26	37,338.58	37,793.47	24,324.82	931.16	848,563.58	———	224,833.40	1,073,396.98	151,651.69	1,225,048.67
Calvert	4,936.58	52,678.54	2,454.92	1,978.55	1,063.50	237.94	———	63,350.03	———	3,544.80	66,894.83	3,934.48	70,829.31
Caroline	6,839.09	129,757.52	16,132.44	5,131.30	6,110.99	985.75	1,000.00	165,957.09	5,522.63	10,703.02	182,182.74	2,865.02	185,047.76
Carroll	13,540.48	242,347.04	27,246.39	11,818.57	3,754.60	3,433.82	146.70	302,287.60	2,832.87	25,808.55	330,929.02	2,430.04	333,359.06
Cecil	7,642.96	172,253.96	13,237.22	2,793.51	3,040.43	672.66	130.00	199,770.74	21,142.40	12,329.34	233,242.48	172,155.58	405,398.06
Charles	5,180.11	86,340.76	3,986.02	1,041.12	588.38	273.61	1,292.50	†98,702.50	———	8,904.81	†107,607.31	10,857.15	118,464.46
Dorchester	8,838.23	162,538.87	13,130.38	10,623.36	6,616.71	957.88	2,687.95	205,393.38	18.93	2,988.28	208,400.59	2,528.21	210,928.80
Frederick	11,099.61	365,959.20	35,258.04	11,332.47	5,945.27	2,611.20	4,000.00	436,205.79	48.00	182,305.27	618,559.06	38,307.61	656,866.67
Garrett	11,270.74	165,935.11	10,950.01	17,644.17	439.44	3,382.52	———	209,621.99	2,462.00	21,011.02	233,095.01	2,935.37	236,030.38
Harford	7,951.56	181,597.78	15,992.57	5,689.52	1,224.11	1,296.78	311.70	214,064.02	79.50	15,957.06	230,100.58	101,157.40	331,257.98
Howard	4,953.10	92,371.26	7,014.69	2,555.61	920.08	638.86	3,130.18	111,583.78	1,266.55	13,840.50	126,690.83	1,666.68	128,357.51
Kent	7,287.49	110,758.82	14,404.25	1,952.84	4,129.96	1,004.22	———	139,537.58	921.38	2,672.60	143,131.56	3,703.87	146,835.43
Montgomery	14,445.30	218,142.30	23,642.52	19,380.32	17,772.65	2,567.43	20.00	295,970.52	———	59,142.75	355,113.27	419.85	355,533.12
Prince George's	11,757.91	274,679.15	31,475.40	31,356.33	12,601.68	646.05	475.00	362,991.52	11,125.04	151,607.09	525,723.65	63,961.15	589,684.80
Queen Anne's	7,092.88	120,847.60	9,965.16	3,713.28	5,874.34	2,153.48	847.50	150,494.24	———	3,085.07	153,579.31	540.80	154,120.11
St. Mary's	6,984.49	66,481.91	3,058.24	3,586.35	464.39	18.24	———	80,593.62	125.44	3,561.73	84,280.79	3,742.30	88,023.09
Somerset	9,500.64	131,551.93	9,421.58	4,899.83	788.66	540.74	1,537.00	158,240.38	17,228.24	1,072.17	176,540.79	520.97	177,061.76
Talbot	7,544.58	118,959.98	12,952.04	5,937.63	11,289.49	1,054.46	1,753.25	159,491.43	3,243.50	43,345.73	206,080.66	5,489.43	211,570.09
Washington	10,991.23	363,571.47	30,806.60	6,560.83	2,531.25	3,948.12	470.35	418,879.85	———	41,496.09	460,375.94	41,990.41	502,366.35
Wicomico	8,651.99	191,007.73	18,819.08	9,965.50	6,212.65	1,014.10	———	235,671.05	9,352.01	22,963.30	267,986.36	7,450.95	275,437.31
Worcester	7,615.63	153,772.51	13,125.37	3,193.35	10,581.23	337.51	226.00	188,851.60	829.55	6,265.05	195,946.20	16.11	195,962.31
Total Counties	$226,110.37	$4,820,494.34	$453,056.62	$213,057.04	$168,954.48	$62,579.30	$20,204.28	$5,964,456.44	$103,690.93	$1,475,268.52	$7,543,415.89	$998,026.93	$8,541,442.82
Baltimore City	150,883.11	5,111,794.83	556,012.44	718,622.26	c297,368.54	33,219.39	10,872.00	‡6,878,772.57	685,620.00	‡3,300,270.18	‡10,864,662.75	---- d ----	d10,864,662.75
Total State	$376,993.48	$9,932,289.17	$1,009,069.06	$931,679.30	$466,323.02	$95,798.69	$31,076.29	$12,843,229.01	$789,310.93	$4,775,538.70	$18,408,078.64	$998,026.93	$19,406,105.57

* Overdraft.
† Includes $12,730.49 from Federal Government for Indian Head.
‡ Excludes following expenditures for teacher training schools in Baltimore City; Instruction $63,473.36; Operation $6,206.47; Maintenance $1,341.05; Total Current Expenses $71,020.88; Capital Outlay $816.03; Total Disbursements $71,836.91.
c Includes Evening and Summer Schools and expenditures for medical inspection and follow up by the Department of Health.
d Since Baltimore City's budget is based on the calendar rather than the school year, no balances have been included.

TABLE XXVIII

DISBURSEMENTS FOR GENERAL CONTROL FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	Office Expenses	Printing and Advertising	Board Members Expenses	Legal Services	Salary of Superintendent	Traveling Expenses of Superintendent	Salary of Assistant Superintendent	Traveling Expenses of Assistant Superintendent	Salary of Clerks	Salary of Attendance Officer	Traveling Expenses of Attendance Officer	Other Costs of Control	Total General Control
Allegany	$2,249.48	$887.91	$300.00	$200.00	$5,000.00	$653.63	$2,880.00	$654.61	$2,900.00	$1,200.00	$421.50	$789.62	$18,136.75
Anne Arundel	493.13	554.71	500.00	200.00	3,000.00	542.83	---------	---------	1,999.00	1,200.00	500.00	1,442.15	10,431.82
Baltimore	2,579.30	1,671.22	600.00	1,405.28	4,500.00	499.99	3,600.00	300.00	5,315.65	*1,173.33	*234.88	1,537.55	23,417.20
Calvert	367.53	128.17	300.00	25.00	2,700.00	450.00	---------	---------	840.00	---------	---------	125.88	4,936.58
Caroline	607.13	255.33	300.00	100.00	2,700.00	467.96	---------	---------	1,099.92	---------	105.00	1,203.75	6,839.09
Carroll	723.73	1,279.68	503.50	270.00	3,840.00	177.75	---------	---------	1,500.00	1,650.00	233.73	3,362.09	13,540.48
Cecil	366.99	74.67	750.00	98.30	2,940.00	423.00	---------	---------	1,200.00	1,200.00	500.00	90.00	7,642.96
Charles	308.67	280.07	350.00	100.00	2,500.00	426.59	---------	---------	1,000.00	---------	---------	214.78	5,180.11
Dorchester	1,215.73	250.00	600.00	25.00	2,940.00	277.50	1,500.00	---------	600.00	1,200.00	200.00	30.00	8,838.23
Frederick	1,627.38	889.25	600.00	100.00	3,000.00	225.70	---------	---------	1,975.00	1,200.00	392.81	1,089.47	11,099.61
Garrett	870.37	583.77	300.00	85.00	4,140.00	377.23	---------	---------	1,680.00	1,200.00	236.15	1,798.22	11,270.74
Harford	646.73	742.86	321.25	10.00	2,940.00	399.00	---------	---------	1,200.00	1,200.00	386.42	105.30	7,951.56
Howard	625.65	340.96	300.00	-------	2,500.00	271.74	---------	---------	900.00	---------	---------	14.75	4,953.10
Kent	732.19	334.95	300.00	50.00	2,540.00	500.00	---------	---------	1,100.00	1,200.00	400.00	130.35	7,287.49
Montgomery	1,809.52	1,139.87	600.00	120.00	3,240.00	250.00	†2,500.00	450.00	1,991.81	1,200.00	310.20	833.90	14,445.30
Prince George's	718.36	319.40	600.00	225.00	4,140.00	906.16	---------	---------	2,520.00	1,400.00	402.74	526.25	11,757.91
Queen Anne's	352.84	16.75	330.80	-------	3,500.00	180.68	---------	---------	1,200.00	1,080.00	180.69	251.12	7,092.88
St. Mary's	386.29	452.75	300.00	-------	2,940.00	225.57	---------	---------	1,080.00	1,200.00	309.50	90.38	6,984.49
Somerset	794.07	958.24	600.00	50.00	2,940.00	299.17	---------	---------	1,300.00	1,000.00	598.34	960.82	9,500.64
Talbot	975.88	218.99	300.00	50.00	3,000.00	354.85	---------	---------	1,000.00	1,200.00	136.60	308.26	7,544.58
Washington	1,172.48	583.02	600.00	407.90	4,140.00	250.00	---------	---------	1,760.05	1,500.00	406.38	172.30	10,991.23
Wicomico	1,169.98	151.27	300.00	-------	3,240.00	342.10	---------	---------	1,200.00	1,600.00	277.50	371.14	8,651.99
Worcester	500.32	277.87	383.84	123.00	2,940.00	267.99	---------	---------	1,110.00	1,200.00	300.00	503.61	7,615.63
Total Counties	$21,302.75	$12,391.71	$10,039.39	$3,643.58	$75,320.00	$8,769.44	$10,480.00	$1,404.61	$36,471.43	$23,803.33	$6,532.44	$15,951.69	$226,110.37
Baltimore City	27 722.74	1,219.25	---------	-------	8,000.00	393.28	49,216.92	1,472.14	17,865.91	21,798.69	610.96	22,583.22	150,883.11
Total State	$49,025.49	$13,610.96	$10,039.39	$3,643.58	$83,320.00	$9,162.72	$59,696.92	$2,876.75	$54,337.34	$45,602.02	$7,143.40	$38,534.91	$376,993.48

* Assistant Attendance Officer.
† Superintendent of School Property.

TABLE XXIX

DISBURSEMENTS FOR INSTRUCTIONAL SERVICE AND OPERATION OF SCHOOLS FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	INSTRUCTIONAL SERVICE								OPERATION OF SCHOOL PLANT				
	Salaries of Supervising and Helping Teachers	Traveling Expenses of Supervising and Helping Teachers	Other Expenses of Supervision	Teachers' Salaries	Textbooks	Materials of Instruction	Other Costs of Instruction	Total Cost of Instruction	Janitors' Wages	Fuel	Janitors' Supplies	Other Costs of Operation	Total Cost of Operation
Allegany	$4,180.00	$558.86	--------	$500,723.54	$19,172.56	$10,242.38	$393.52	$535,270.86	$28,150.17	$15,511.59	$2,411.58	$4,050.40	$50,123.74
Anne Arundel	4,700.00	927.48	$175.00	202,105.28	8,581.24	2,063.06	2,609.89	221,161.95	8,570.88	14,050.24	3,649.03	1,339.55	27,609.70
Baltimore	14,484.00	1,399.04	190.46	612,815.30	18,118.82	12,706.02	2,794.45	662,508.00	24,946.85	28,275.48	2,838.32	6,189.61	62,250.26
Calvert	2,240.00	510.00	--------	47,686.17	1,370.91	597.46	274.00	52,678.54	287.50	1,992.81	143.31	31.30	2,454.92
Caroline	4,248.00	914.74	433.71	117,028.46	3,495.15	2,671.68	965.78	129,757.52	3,656.10	11,354.24	504.10	618.00	16,132.44
Carroll	4,727.50	707.10	1,066.27	219,153.02	10,393.86	3,391.84	2,907.45	242,347.04	6,403.31	14,745.69	194.65	5,902.74	27,246.39
Cecil	2,815.00	621.24	--------	160,162.62	5,826.98	2,298.95	529.17	172,253.96	3,075.00	8,887.70	301.46	973.06	13,237.22
Charles	3,040.00	786.45	493.44	74,595.41	5,175.28	1,938.57	311.61	86,340.76	1,047.84	2,505.47	432.71	--------	3,986.02
Dorchester	3,090.00	375.20	823.09	147,340.68	7,695.63	2,875.15	339.12	162,538.87	2,518.23	8,740.49	585.70	1,285.96	13,130.38
Frederick	8,080.00	1,198.16	124.66	330,455.31	14,766.25	7,357.55	3,977.27	365,959.20	12,211.25	19,251.38	1,187.23	2,608.18	35,258.04
Garrett	3,780.00	869.53	2,169.89	148,493.42	9,066.63	1,273.36	282.28	165,935.11	5,669.49	4,421.32	476.47	382.73	10,950.01
Harford	2,610.00	406.30	--------	170,894.60	5,546.91	1,858.21	281.76	181,597.78	5,353.07	9,275.17	324.82	1,039.51	15,992.57
Howard	2,640.00	901.62	--------	82,416.97	4,294.28	1,164.73	953.66	92,371.26	1,821.75	4,572.26	197.33	423.35	7,014.69
Kent	2,790.00	689.00	--------	99,880.51	4,364.95	1,659.81	1,374.55	110,758.82	4,234.75	9,283.11	183.03	703.36	14,404.25
Montgomery	3,240.00	643.59	--------	195,501.28	10,643.96	7,248.35	865.12	218,142.30	10,015.95	11,542.95	1,215.75	867.87	23,642.52
Prince George's	2,599.92	723.92	223.52	246,268.69	20,686.90	3,065.88	1,110.32	274,679.15	12,895.26	16,470.42	1,163.01	946.71	31,475.40
Queen Anne's	2,010.00	589.55	--------	111,178.98	2,466.18	2,371.18	2,231.71	120,847.60	3,033.35	6,263.34	461.42	207.05	9,965.16
St. Mary's	2,755.00	386.10	617.31	57,393.79	3,449.73	995.73	884.25	66,481.91	472.30	2,229.72	293.97	62.25	3,058.24
Somerset	2,420.00	467.33	--------	116,672.28	8,359.09	1,851.56	1,781.67	131,551.93	2,293.33	5,940.15	229.43	958.67	9,421.58
Talbot	2,500.00	481.44	43.63	110,175.21	2,372.43	1,818.95	1,568.32	118,959.98	2,109.23	9,535.46	449.67	857.68	12,952.04
Washington	4,380.00	535.92	--------	340,602.81	9,725.69	4,519.53	3,807.52	363,571.47	9,936.86	16,840.28	929.66	3,099.80	30,806.60
Wicomico	5,380.00	1,335.41	--------	173,338.18	7,853.09	2,777.14	323.91	191,007.73	4,839.00	12,506.68	704.30	769.10	18,819.08
Worcester	3,215.00	800.00	--------	138,778.15	6,803.26	3,581.94	594.16	153,772.51	4,242.99	8,172.02	290.12	420.24	13,125.37
Total Counties	$91,924.42	$16,827.98	$6,360.98	$4,403,660.66	$190,229.78	$80,329.03	$31,161.49	$4,820,494.34	$157,784.46	$242,367.97	$19,167.07	$33,737.12	$453,056.62
Baltimore City	49,971.68	2,407.59	--------	†4,780,354.07	†143,586.91	†90,993.95	†44,480.63	†5,111,794.83	†329,655.88	†180,385.23	†26,053.95	†19,917.38	†556,012.44
Total State	$141,896.10	$19,235.57	$6,360.98	†$9,184,014.73	†$333,816.69	†$171,322.98	†$75,642.12	†$9,932,289.17	$487,440.34	$422,753.20	$45,221.02	$53,654.50	$1,009,069.06

†The following figures for teachers' training schools in Baltimore City are excluded above: Salaries, $56,882.31; Textbooks, $2,316.04; Materials, $963.04; Other costs of instruction, $3,311.97; Total instruction, $63,473.36; Janitors' wages, $1,860; Fuel, $3,022.45; Janitors' supplies, $1,047.16; Other costs of operation, $277.06; Total operation, $6,206.67.

DISBURSEMENTS FOR MAINTENANCE, AUXILIARY AGENCIES, TUITION FEES TO ADJOINING COUNTIES, AND FIXED CHARGES, FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	MAINTENANCE				AUXILIARY AGENCIES						FIXED CHARGES					
	Repairs of Buildings and Upkeep of Grounds	Repairs and Replacement of Equipment	Other Costs of Maintenance	Total for Maintenance	School Libraries	Health Service	Transportation of Pupils	Community Activities	Other Auxiliary Agencies	Total for Auxiliary Agencies	Insurance	Rent	Contributions and Contingencies	Other Fixed Charges	Total Fixed Charges	Tuition Fees to Adjoining
egany	$2,346.71	$2,546.94	$636.18	$5,528.83	$311.65	$348.45	$6,908.01	-------	$3,586.73	$11,154.84	$7,203.39	$462.25	$30.00	$439.89	$8,135.53	------
ne Arundel	4,560.09	1,813.33	2,661.78	9,035.19	137.50	50.00	14,830.80	$300.00	2,738.06	18,056.36	2,264.58	50.00	29.00	-------	2,343.58	$1,24
timore	11,645.00	18,473.65	7,219.84	37,338.58	180.00	9,783.35	27,595.37	234.75	-------	37,793.47	22,006.74	2,100.00	218.08	-------	24,324.82	93
vert	1,565.11	306.94	106.50	1,978.55	-------	-------	1,038.00	25.50	-------	1,063.50	222.94	-------	15.00	-------	237.94	------
oline	3,278.74	1,852.56	-------	5,131.30	-------	63.23	5,501.51	-------	546.25	6,110.99	950.75	-------	35.00	-------	985.75	1,00
rroll	6,829.92	101.60	4,887.05	11,818.57	277.69	992.24	2,030.47	379.70	74.50	3,754.60	2,881.73	-------	488.16	63.93	3,433.82	14
il	1,656.97	901.54	235.00	2,793.51	86.76	-------	2,165.18	649.93	138.56	3,040.43	622.66	-------	50.00	-------	672.66	13
arles	687.79	353.33	-------	1,041.12	8.38	-------	525.00	45.00	10.00	588.38	61.61	132.00	30.00	50.00	273.61	1,29
rchester	6,582.47	3,392.26	648.63	10,623.36	179.69	9.00	6,428.02	-------	-------	6,616.71	578.78	246.00	-------	133.10	957.88	2,68
ederick	8,832.00	1,999.82	500.65	11,332.47	403.51	131.67	4,210.06	251.11	948.92	5,945.27	1,936.19	-------	661.86	13.15	2,611.20	4,00
rrett	13,667.10	3,489.06	488.01	17,644.17	285.51	6.60	-------	87.77	59.56	439.44	1,603.60	1,668.92	110.00	-------	3,382.52	------
rford	3,294.01	2,368.78	26.73	5,689.52	295.46	.75	427.90	500.00	-------	1,224.11	507.27	698.00	91.51	-------	1,296.78	31
ward	1,822.55	467.06	266.00	2,555.61	120.00	-------	600.00	88.36	111.72	920.08	510.05	-------	78.81	50.00	638.86	3,13
t	1,029.37	714.97	208.50	1,952.84	40.00	13.05	3,848.50	-------	228.41	4,129.96	795.22	-------	15.00	194.00	1,004.22	------
ntgomery	15,285.50	3,359.39	735.43	19,380.32	762.86	1,697.86	15,156.66	140.00	15.27	17,772.65	1,434.23	-------	362.32	770.88	2,567.43	2
nce George's	20,215.71	11,140.62	-------	31,356.33	175.75	2,092.35	10,124.47	209.11	-------	12,601.68	31.05	598.00	17.00	-------	646.05	47
en Anne's	2,924.36	488.04	300.88	3,713.28	-------	13.70	4,900.00	90.60	870.04	5,874.34	917.43	-------	63.80	1,172.25	2,153.48	84
Mary's	2,100.58	945.27	540.50	3,586.35	27.45	-------	-------	-------	436.94	464.39	-------	-------	-------	18.24	18.24	------
nerset	2,854.72	1,686.61	358.50	4,899.83	274.94	23.15	-------	215.04	275.53	788.66	480.74	-------	-------	60.00	540.74	1,53
bot	3,633.78	2,268.85	35.00	5,937.63	87.76	-------	10,793.10	408.63	-------	11,289.49	647.37	-------	312.49	94.60	1,054.46	1,75
shington	5,182.13	1,378.70	-------	6,560.83	180.00	72.23	2,274.52	-------	4.50	2,531.25	2,552.79	1,395.33	-------	-------	3,948.12	47
comico	5,250.87	3,280.13	1,434.50	9,965.50	930.09	145.34	3,453.57	326.05	1,357.60	6,212.65	850.54	-------	113.56	50.00	1,014.10	------
rcester	1,787.02	849.08	557.25	3,193.35	80.00	-------	9,780.01	674.97	46.25	10,581.23	337.51	-------	-------	-------	337.51	22
otal Counties	$127,032.58	$64,177.53	$21,846.93	$213,057.04	$4,845.00	$15,442.97	$132,591.15	$4,626.52	$11,448.84	$168,954.48	$49,397.17	$7,350.50	$2,721.59	$3,110.04	$62,579.30	$20,20
timore City	*599,067.19	a73,496.18	46,058.89	a718,622.26	3,453.84	†150,000.00	‡633.40	500.00	c142,781.30	297,368.54	2,186.50	13,032.89	-------	b18,000.00	33,219.39	10,87
otal State	$726,099.77	$137,673.71	$67,905.82	$931,679.30	$8,298.84	$165,442.97	$133,224.55	$5,126.52	$154,230.14	$466,323.02	$52,583.67	$20,383.39	$2,721.59	$21,110.04	$95,798.69	$31,07

*Disbursed by Inspector of Public Buildings.
†Estimated Expenditure by Department of Health.
‡For crippled children.
aExcludes $1,341.05 for white training schools for teachers in Baltimore City.
bPensions to teachers.
cIncludes the following: Evening Schools—Elementary, white, $11,509.35, colored, $9,762.62; high schools, white, $19,238.47, colored, $5,111.18; vocational, $13,524.49; Summer School ,485.21; Parental Schools, $28,876.22; School and Home Gardens, $7,018.24; Americanization classes, $16,247.58; Jewish Educational Alliance, $977.50; Recreation Park Centers, $180.0 blic Athletic League, $6,000; Lunches for Crippled Children, $1,302.17; Open Air Classes, $3,147.13; Public School Orchestra, $955.15; Field Days, $856.26; Extension Courses, $400; Pupil nches, $189.82.

TABLE XXXI

DISBURSEMENTS FOR DEBT SERVICE AND CAPITAL OUTLAY FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	DEBT SERVICE					CAPITAL OUTLAY					
	Short Term Loans from Previous Year	Interest on Short Term Loans	Payments on Bonded Indebtedness	Interest on Bonded Indebtedness	Total Debt Service	Land	New Buildings and Equipment	Alteration of Old Buildings	Equipment of Old Buildings	Other Capital Outlay	Total Capital Outlay
Allegany	---	---	---	---	---	$7,610.00	$246,143.57	$162,407.04	$6,677.39	$14,007.98	$436,845.98
Anne Arundel	---	$2,253.57	$12,227.63	$13,011.69	$27,492.89	212.00	161,665.12	15,080.65	2,767.14	1,260.00	180,984.91
Baltimore	---	---	---	---	---	38,957.68	177,732.99	1,231.22	6,911.51	---	224,833.40
Calvert	---	---	---	---	---	90.00	3,454.80	---	---	---	3,544.80
Caroline	$4,500.00	1,022.63	---	---	5,522.63	10.00	8,867.93	963.34	861.75	---	10,703.02
Carroll	2,000.00	832.87	---	---	2,832.87	2,238.56	12,265.79	2,020.14	7,930.25	1,353.81	25,808.55
Cecil	20,500.00	642.40	---	---	21,142.40	103.50	7,879.80	1,633.71	2,712.33	---	12,329.34
Charles	---	---	---	---	---	---	8,506.99	---	397.82	---	8,904.81
Dorchester	---	18.93	---	---	18.93	268.95	2,719.33	---	---	---	2,988.28
Frederick	---	48.00	---	---	48.00	8,066.68	159,784.49	5,274.62	7,096.72	2,082.76	182,305.27
Garrett	2,250.00	212.00	---	---	2,462.00	1,100.75	19,910.27	---	---	---	21,011.02
Harford	---	79.50	---	---	79.50	1,252.89	8,208.64	3,221.19	3,274.34	---	15,957.06
Howard	1,000.00	266.55	---	---	1,266.55	288.80	9,682.79	2,540.00	1,328.91	---	13,840.50
Kent	---	921.38	---	---	921.38	---	2,075.00	---	597.60	---	2,672.60
Montgomery	---	---	---	---	---	25.00	48,212.61	10,905.14	---	---	59,142.75
Prince George's	---	---	3,345.04	7,780.00	11,125.04	2,380.90	148,230.71	---	108.00	887.48	151,607.09
Queen Anne's	---	---	---	---	---	467.70	170.67	---	2,446.70	---	3,085.07
St. Mary's	---	125.44	---	---	125.44	---	3,466.30	---	95.43	---	3,561.73
Somerset	14,533.25	2,694.99	---	---	17,228.24	---	164.94	---	907.23	---	1,072.17
Talbot	3,000.00	243.50	---	---	3,243.50	79.40	41,233.98	2.10	2,030.25	---	43,345.73
Washington	---	---	---	---	---	1,529.15	39,406.48	94.13	466.33	---	41,496.09
Wicomico	9,352.01	---	---	---	9,352.01	217.74	20,570.16	387.14	1,788.26	---	22,963.30
Worcester	---	829.55	---	---	829.55	226.40	5,880.73	---	157.92	---	6,265.05
Total Counties	$57,135.26	$10,191.31	$15,572.67	$20,791.69	$103,690.93	$65,126.10	$1,136,234.09	$205,760.42	$48,555.88	$19,592.03	$1,475,268.52
Baltimore City	---	---	200,300.00	485,320.00	685,620.00	*978,223.39	††2,108,279.00	*178,076.92	35,690.87	---	†3,300,270.18
Total State	$57,135.26	$10,191.31	$215,872.67	$506,111.69	$789,310.93	$1,043,349.49	†$3,244,513.09	$383,837.34	$84,246.75	$19,592.03	$4,775,538.70

*Spent by Public Improvement Commission.
†Excludes $816.03 for white training school for teachers in Baltimore City.
‡$2,010,809.35 spent by Public Improvement Commission and remainder by Board of School Commissioners.

TABLE XXXII

DISBURSEMENTS†—WHITE HIGH SCHOOLS—1922-23

COUNTY	No. of Teachers	Average No. Belonging	Average Attendance	Salaries	Textbooks	Materials	Other Costs	Total Cost of Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expense	Capital Outlay	Grand Total
Allegany	71.4	1,591.0	1,508.9	$112,179.15	$6,017.31	$3,195.91	$359.37	$121,751.74	$11,454.33	$2,243.29	$3,301.97	$138,751.33	$182,441.99	$321,193.32
Anne Arundel	19.7	429.1	395.2	28,455.27	495.28	764.55	216.26	29,931.36	3,955.13	1,728.06	648.30	36,262.85	4,049.21	40,312.06
Baltimore	58	1,374.8	1,254.7	105,070.35	5,484.76	4,076.62	586.43	115,218.16	10,546.01	5,917.54	7,167.95	138,849.66	101,083.68	239,933.34
Calvert	5	129.8	121.4	6,090.50	442.20	298.73	--------	6,831.43	978.00	122.73	--------	7,932.16	3,257.30	11,189.46
Caroline	27	568.0	518.0	37,501.00	1,444.95	1,678.94	150.00	40,774.89	4,641.31	1,256.95	1,305.74	47,978.89	6,990.84	54,969.73
Carroll	45.5	730.5	653.0	62,338.66	2,322.00	543.00	1,250.91	66,454.57	9,907.59	6,121.66	277.87	82,761.69	12,997.80	95,759.49
Cecil	30	466.4	428.8	40,536.62	1,167.00	1,424.99	520.22	43,648.83	3,307.44	661.88	420.50	48,038.65	3,404.34	51,442.99
Charles	4	88.4	78.5	6,128.00	350.79	619.37	3.25	7,101.41	556.32	--------	--------	7,657.73	460.50	8,118.23
Dorchester	25	519.4	480.2	33,892.02	1,275.57	1,872.31	200.00	37,239.90	3,386.41	2,760.04	1,845.66	45,232.01	144.25	45,376.26
Frederick	60.4	1,310.2	1,199.4	86,673.08	4,310.17	3,168.71	743.14	94,895.10	7,069.74	2,492.94	2,098.95	106,556.73	125,382.99	231,939.72
Garrett	21	383.9	346.1	27,540.98	1,353.10	620.27	236.42	29,750.77	2,379.48	1,950.73	76.38	34,157.36	18,183.98	52,341.34
Harford	32.2	601.0	548.1	46,972.64	1,519.38	719.81	138.95	49,350.78	4,289.72	1,536.52	81.60	55,258.62	3,945.19	59,203.81
Howard	14.4	253.8	228.0	18,925.25	827.12	530.23	296.92	20,579.52	1,498.79	404.72	66.90	22,549.93	2,855.70	25,405.63
Kent	22	267.0	241.0	27,574.78	898.51	1,171.79	489.41	30,134.49	3,510.13	249.90	1,392.55	35,287.07	481.88	35,768.95
Montgomery	26.4	554.6	493.9	39,836.44	2,345.12	2,180.49	52.61	44,414.96	4,467.90	3,164.75	48.21	52,095.82	17,317.41	69,413.23
Prince George's	38.5	736.6	677.3	52,474.47	4,417.06	1,318.30	213.52	58,423.35	4,936.31	7,138.99	2,576.03	73,074.68	6,315.74	79,390.42
Queen Anne's	23.8	385.0	354.0	31,872.40	450.00	968.51	448.35	33,739.26	4,830.03	516.94	3,101.80	42,188.03	2,406.74	44,594.77
St. Mary's	1	19.0	16.5	1,350.00	174.53	--------	--------	1,524.53	38.43	--------	--------	1,562.96	608.95	2,171.91
Somerset	20	429.9	393.0	26,614.46	1,801.12	1,085.50	233.55	29,734.63	3,034.45	933.48	119.70	33,822.26	660.95	34,483.21
Talbot	22.2	407.4	379.7	31,243.29	1,179.44	782.24	619.51	33,824.48	2,368.09	1,427.21	3,064.37	40,684.15	10,734.42	51,418.57
Washington	40.4	1,178.0	1,097.0	61,825.00	737.00	2,472.03	1,115.70	66,149.73	9,056.90	2,976.03	100.00	78,282.66	1,995.48	80,278.14
Wicomico	40	838.9	774.0	50,361.50	2,615.80	1,754.44	169.60	54,901.34	6,482.08	3,774.34	3,471.00	68,628.76	15,551.05	84,179.81
Worcester	39	581.8	533.6	51,277.55	1,700.82	2,278.31	177.32	55,434.00	4,399.50	748.99	4,086.31	64,668.80	157.92	64,826.72
Total Counties	686.9	13,844.5	12,720.3	$986,733.41	$43,329.33	$33,525.05	$8,221.44	$1,071,809.23	$107,094.09	$48,127.69	$35,251.79	$1,262,282.80	$521,428.31	$1,783,711.11
‡Baltimore City	294	7,722	7,066	668,406.15	33,817.12	20,608.19	15,339.38	738,170.84	74,871.57	*117,875.07	a31,344.16	962,261.64	883,481.96	1,844,908.00
Total State	980.9	21,566.5	19,786.3	$1,655,139.56	$77,146.45	$54,133.24	$23,560.82	$1,809,980.07	$181,965.66	$166,002.76	$66,595.95	$2,224,544.44	$1,404,910.27	$3,628,619.71

* Of the expenditures made by the Inspector of Public Buildings, it is estimated that $97,400 has been used for white senior high schools.
† Exclusive of costs of general control and of cost to the State of high school supervision.
‡ Senior high schools only.
a Includes $19,238.47 for evening schools, $6,119.65 for summer schools, $3,453.84 for school libraries, $1,440 for P. A. L., $955.15 for orchestras and $137.05 for field days.

TABLE XXXIII

DISBURSEMENTS, EXCLUSIVE OF GENERAL CONTROL, FOR WHITE ELEMENTARY SCHOOLS FOR THE YEAR ENDING JULY 31, 1923

COUNTIES	No. of Teachers	Average No. Belonging	Average Attendance	Salaries and Expenses of Supervision	Salaries of Teachers	Textbooks	Materials of Instruction	Other Costs of Instruction	Total Cost of Supervision and Instruction	Operation of School Plant	Maintenance of School Plant	Auxiliary Agencies	Total Current Expenses	Capital Outlay
Allegany	301.6	10,297.7	9,161.5	$4,738.86	$375,337.14	$12,575.81	*$6,970.18	$398.10	$400,020.09	$37,066.24	$3,917.73	$4,255.49	$445,259.55	$233,016.51
Anne Arundel	136.7	4,463.6	3,775.5	4,116.89	138,562.03	5,104.50	*1,052.78	*1,949.52	150,785.72	19,981.43	5,277.78	14,942.15	190,987.08	157,033.48
Baltimore	301	12,038.4	10,116.0	16,073.50	456,597.29	10,549.09	5,883.59	2,208.02	491,311.49	46,643.78	29,244.84	27,918.14	595,118.25	89,971.05
Calvert	36	917.9	757.5	1,800.00	32,751.50	887.42	134.18	274.00	35,847.10	1,049.32	1,585.52	1,038.00	39,519.94	115.50
Caroline	82	2,679.0	2,318.1	4,113.43	67,517.98	1,592.39	646.99	755.78	74,626.48	9,482.38	3,028.33	4,805.25	91,942.44	3,712.18
Carroll	187.5	5,484.4	4,358.7	4,671.60	150,715.55	7,748.86	2,614.00	901.52	166,651.53	15,974.33	4,871.74	1,521.82	189,019.42	8,541.91
Cecil	104	3,086.4	2,618.6	2,425.17	108,964.77	4,002.55	624.54	8.95	116,025.98	8,632.65	1,709.37	1,976.83	128,344.83	8,900.00
Charles	66	1,606.6	1,277.8	3,069.89	53,440.08	2,828.29	100.42	150.62	59,589.30	2,634.91	748.12	533.38	63,505.71	3,219.36
Dorchester	110	3,145.8	2,555.2	3,243.30	91,419.49	4,037.17	*452.20	139.06	99,291.22	7,417.08	6,638.18	4,771.05	118,117.53	1,491.55
Frederick	244.1	7,801.8	6,519.6	8,143.64	225,065.48	9,426.68	3,708.10	3,459.13	249,803.03	25,711.27	7,944.60	3,373.10	286,832.00	40,438.96
Garrett	187	4,353.9	3,654.8	6,819.42	120,952.44	7,713.53	653.09	45.80	136,184.34	8,570.53	15,693.44	262.19	160,710.50	2,827.04
Harford	119.8	3,798.6	3,210.3	2,296.30	109,425.01	3,311.56	999.52	113.31	116,145.70	10,661.05	4,276.51	455.30	131,538.56	5,343.20
Howard	63.6	1,940.6	1,630.6	3,141.54	55,261.25	2,886.21	618.55	656.74	62,564.09	4,797.25	1,864.15	853.18	70,078.67	8,496.48
Kent	62	1,584.0	1,373.9	2,540.00	58,382.80	2,846.84	337.27	584.39	64,691.30	8,830.25	1,247.54	2,735.41	77,504.50	2,190.72
Montgomery	121.6	3,907.4	3,198.4	2,398.02	137,278.29	7,342.42	4,495.19	603.38	152,117.30	17,247.50	15,192.10	17,464.88	202,021.78	41,825.34
Prince George's	173	5,675.6	4,803.5	2,201.94	161,782.93	14,015.37	1,274.73	808.80	180,083.77	22,587.12	21,966.32	7,738.44	232,375.65	118,397.60
Queen Anne's	70.2	1 900.5	1,623.5	1,890.55	68,591.78	1,719.28	1,068.78	1,773.88	75,044.27	4,309.66	2,869.05	2,681.94	84,904.92	612.93
St. Mary's	63	1,834.4	1,366.1	2,719.70	43,841.43	2,384.69	601.30	350.00	49,897.03	2,167.11	2,970.08	27.45	55,061.67	2,843.44
Somerset	86	2,791.8	2,329.0	1,671.33	70,585.92	5,394.23	441.72	1,233.12	79,326.32	4,917.73	3,533.22	248.39	88,025.66	116.99
Talbot	62.8	1,909.7	1,639.0	1,853.05	61,893.81	1,484.04	547.29	60.13	65,838.32	8,234.36	3,883.46	7,816.49	85,772.63	31,383.95
Washington	280	9,822.5	8,338.4	4,915.92	270,932.81	8,988.69	1,933.50	579.10	287,350.02	21,023.38	3,581.80	2,431.25	314,389.42	39,500.61
Wicomico	114	3,632.2	3,140.5	5,473.88	102,017.50	4,366.38	745.89	152.06	112,755.71	10,123.53	4,655.43	1,971.09	129,505.76	3,636.61
Worcester	90	2,585.0	2,157.1	2,940.00	70,445.15	*4,107.46	1,072.62	366.84	78,932.07	6,649.79	1,782.55	6,142.92	93,507.33	----------
Total Counties	3,061.9	97,287.8	81,924.0	$93,257.73	$3,031,762.43	$125,313.28	$36,976.43	$17,572.31	$3,304,882.18	$304,712.62	$148,484.86	$115,964.14	$3,874,043.80	$803,615.41
Baltimore City														
Elementary	1,831	63,634	57,047	34,938.30	2,802,373.66	55,673.73	45,023.39	12,301.16	2,950,310.24	360,944.22	*376,836.80	†51,276.26	3,739,367.52	*1,478,163.25
Junior High	348	9,239	18,417	3,182.61	591,137.02	31,095.57	6,162.99	10,994.15	642,572.34	42,556.15	*120,789.63	----------	805,918.12	*682,506.79
Vocational	12	142	132	5,998.69	25,677.11	145.25	8,564.68	1,129.67	41,515.40	5,834.00	*6,117.27	‡13,524.49	66,991.16	*8,967.52
Total	2,191	73,015	65,596	$44,119.60	$3,419,187.79	$86,914.55	$59,751.06	$24,424.98	$3,634,397.98	$409,334.37	*$503,743.70	$64,800.75	$4,612,276.80	*$2,169,637.56
Total State	5,252.9	170,302.8	147,520	$137,377.33	$6,450,950.22	$212,227.83	$96,727.49	$41,997.29	$6,939,280.16	$714,046.99	$652,228.56	$180,764.89	$8,486,320.60	$2,973,252.97

* Estimated.

† Includes the following estimates of expenditures in white elementary schools: Evening Schools, $11,509.35; Summer Schools, $6,120; Parental Schools, $17,325.73; School and Home Gardens, $6,018.24; Jewish Educational Alliance, $977.50; Recreation Park, Centers, $145; P. A. L. and Field Day,$3,908.01; Busses and Lunches for Crippled Children, $1,935.57; School Lunches, $189.83; Open Air Classes, $3,147.07.

‡ Evening Vocational Schools.

TABLE XXXIV

DISBURSEMENTS EXCLUSIVE OF GENERAL CONTROL AND SUPERVISION IN WHITE ONE TEACHER SCHOOLS FOR THE YEAR ENDING JULY 31, 1923.

COUNTY	No. of Teachers	Average No. Belonging	Average Attendance	Salaries	Textbooks	Materials	Other Costs	Total Cost of Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expenses	Capital Outlay
Allegany	50	1,107.9	885.8	$53,955.58	$952.03	*$492.77	*$19.82	$55,420.20	$3,590.25	$658.36	$61.00	$59,729.81	$3,911.39
Anne Arundel	31	722.1	565.4	27,604.16	819.30	*169.00	*313.00	28,905.46	3,609.51	1,289.42	20.00	33,824.39	5,894.39
Baltimore	38	1,312.6	1,070.8	60,933.55	1,482.30	734.21	--------	63,150.06	5,399.86	3,906.88	119.32	72,576.12	----------
Calvert	30	775.9	613.2	26,063.25	698.69	108.64	--------	26,870.58	863.18	1,208.72	638.00	29,580.48	40.50
Caroline	29	788.5	671.6	22,288.67	431.42	333.82	500.00	23,553.91	2,497.18	1,319.64	--------	27,370.73	----------
Carroll	95	2,650.7	2,038.3	66,278.90	4,038.86	1,557.00	250.00	72,124.76	7,166.24	1,737.85	283.51	81,312.36	----------
Cecil	49	1,192.2	976.7	48,356.88	1,540.09	239.04	.75	50,136.76	3,371.02	632.82	107.75	54,248.35	130.88
Charles	41	872.5	656.9	30,176.71	1,607.00	54.63	114.76	31,953.10	991.61	542.69	533.38	34,020.78	1,846.78
Dorchester	48	1,143.3	872.2	33,791.95	1,235.30	*138.00	--------	35,165.25	1,800.13	3,032.22	*115.51	40,113.11	1,371.85
Frederick	96	2,706.5	2,153.9	76,428.51	*4,412.78	*1,686.15	*1,494.00	84,021.44	7,509.87	4,600.97	185.75	96,318.03	4,574.53
Garrett	125	2,474.3	2,019.2	71,777.10	*4,345.80	*363.57	*26.33	76,512.80	*4,069.37	4,673.52	145.97	85,401.66	----------
Harford	52	1,406.2	1,145.1	43,101.03	968.80	186.41	9.00	44,265.24	3,281.89	1,430.42	60.00	49,037.55	625.45
Howard	31	855.2	715.2	25,490.50	1,566.98	130.65	155.83	27,343.96	1,772.86	940.67	137.32	30,194.81	260.30
Kent	24	435.2	364.5	19,128.11	1,342.90	135.73	302.02	20,908.76	1,655.23	419.73	99.12	23,082.84	----------
Montgomery	39	1,149.1	874.9	41,012.87	1,620.98	*997.17	*194.11	43,825.13	*3,878.59	5,224.73	*563.32	53,491.77	----------
Prince George's	35	970.4	779.0	28,336.42	2,509.59	246.61	141.30	31,233.92	2,851.06	5,371.91	10.00	39,466.89	10,108.42
Queen Anne's	36	832.5	675.8	31,931.37	881.28	522.23	798.50	34,133.38	1,576.06	744.56	761.05	37,215.05	202.16
St. Mary,s	44	1,228.4	894.9	29,164.68	1,654.60	381.30	225.00	31,425.58	1,407.78	1,859.59	17.45	34,770.40	91.98
Somerset	30	877.7	708.0	22,564.18	1,514.21	*117.65	*319.00	24,515.04	1,329.25	1,700.39	*76.20	27,620.88	103.84
Talbot	15	353.1	299.1	13,240.09	389.75	84.82	--------	13,714.66	903.56	516.97	----------	15,135.19	54.83
Washington	78	2,120.0	1,644.0	68,430.00	402.00	481.83	103.12	69,416.95	3,904.16	----------	----------	73,321.11	----------
Wicomico	42	1,206.6	992.4	34,314.24	*1,535.79	*268.69	53.47	36,172.19	2,355.74	1,892.92	170.00	40,590.85	160.01
Worcester	35	802.0	620.7	24,759.97	*1,443.00	238.05	*80.25	26,521.27	1,244.09	544.81	429.56	28,739.73	----------
Total	1,093	27,982.9	22,237.6	$899,128.72	$37,393.45	$9,667.97	$5,100.26	$951,290.40	$67,088.49	$44,249.79	$4,531.21	$1,067,162.89	$29,377.31
Cost per Pupil Belonging	----	-------	-------	$32.14	$1.33	$0.35	$0.18	$34.00	$2.39	$1.58	$0.16	$38.13	$1.05
Cost per Pupil Attending	----	-------	-------	40.43	1.68	.43	.23	42.77	3.01	1.99	.20	47.97	1.32

*Estimated.

TABLE XXXV

DISBURSEMENTS EXCLUSIVE OF GENERAL CONTROL AND SUPERVISION IN WHITE TWO TEACHER SCHOOLS FOR THE YEAR ENDING JULY 31, 1923.

COUNTY	No. of Teachers	Average No. Belonging	Average Attendance	Salaries	Textbooks	Materials	Other Costs	Total Cost of Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expenses	Capital Outlay
Allegany	30	883.8	772.7	$37,419.03	$723.64	*$370.65	*$16.29	$38,529.61	$2,108.78	$567.81	$414.81	$41,621.01	$2,749.91
Anne Arundel	24	671.6	552.9	25,500.34	735.60	*192.58	*281.50	26,710.02	3,448.06	882.70	1,354.85	32,395.63	8,987.68
Baltimore	74	2,514.7	2,049.9	111,627.04	2,648.19	1,044.81	--------	115,320.04	9,000.93	8,708.80	4,915.17	137,944.94	15,356.93
Calvert	6	172.0	144.3	6,688.25	188.73	25.54	--------	6,902.52	186.14	376.80	400.00	7,865.46	75.00
Caroline	16	422.5	364.5	12,616.11	275.75	126.00	80.78	13,098.64	1,436.57	701.72	---------	15,236.93	3,244.14
Carroll	24	676.0	534.0	18,968.20	985.00	365.00	175.00	20,493.20	1,483.90	614.44	188.32	22,779.86	---------
Cecil	16	456.6	393.6	16,192.38	593.58	91.32	--------	16,877.28	1,212.05	208.94	658.00	18,956.27	267.86
Charles	18	502.1	413.9	14,740.74	895.50	9.94	35.86	15,682.04	408.38	205.43	---------	16,295.85	1,372.58
Dorchester	22	605.3	466.6	18,354.54	869.04	97.20	--------	19,320.78	1,312.36	1,184.85	19.00	21,836.99	---------
Frederick	46	1,395.0	1,131.3	41,546.37	*1,836.92	*601.83	*653.20	44,638.32	4,079.52	1,250.13	130.80	50,098.77	6,630.61
Garrett	30	848.3	723.1	22,063.35	*1,268.36	*105.20	*7.27	23,444.18	*1,260.95	*1,240.23	50.93	25,996.29	2,827.04
Harford	26	847.7	720.4	24,593.69	571.71	108.35	15.00	25,288.75	1,929.95	372.98	50.00	27,641.68	909.69
Howard	12	342.0	273.7	9,873.25	500.91	74.31	87.50	10,535.97	826.37	120.69	620.00	12,103.03	6,879.78
Kent	8	240.9	202.7	8,651.09	344.90	44.46	59.04	9,099.49	1,028.39	170.00	33.04	10,330.92	---------
Montgomery	26	769.2	621.5	27,069.57	1,763.65	1,015.04	275.97	30,124.23	2,806.27	3,712.58	808.79	37,451.87	---------
Prince George's	36	1,026.5	854.3	32,560.30	2,427.76	232.05	147.50	35,367.61	3,994.46	3,954.47	360.00	43,676.54	18,721.14
Queen Anne's	14	397.0	346.7	14,885.91	327.00	198.50	357.00	15,768.41	675.41	1,090.30	1,140.47	18,674.59	349.54
St. Mary,s	16	499.3	394.3	12,482.75	550.00	190.00	100.00	13,322.75	536.43	926.07	10.00	14,795.25	2,751.46
Somerset	16	480.6	385.8	13,197.44	648.66	48.81	210.52	14,105.43	501.32	669.26	*28.19	15,304.20	13.15
Talbot	12	361.5	298.3	14,465.11	351.86	95.63	59.62	14,972.22	1,779.95	550.11	1,815.40	19,117.68	85.87
Washington	38	1,126.0	911.0	37,080.00	1,073.00	317.42	103.62	38,574.04	2,031.14	---------	---------	40,605.18	15,953.42
Wicomico	16	406.8	346.5	15,206.05	*574.32	97.20	20.09	15,897.66	1,132.67	303.41	972.02	18,305.76	66.33
Worcester	14	359.8	286.0	9,174.18	534.00	90.74	36.21	9,835.13	815.02	96.11	---------	10,746.26	---------
Total	540	16,005.2	13,188.0	$544,955.69	$20,688.08	$5,542.58	$2,721.97	$573,908.32	$43,995.02	$27,907.83	$13,969.79	$659,780.96	$87,242.13
Cost per Pupil Belonging	----	------	------	$34.00	$1.29	$0.35	$0.17	$35.84	$2.75	$1.74	$0.87	$41.20	$5.45
Cost per Pupil Attending	----	------	------	41.31	1.57	.42	.21	43.51	3.33	2.12	1.06	50.02	6.62

*Estimated.

TABLE XXXVI

DISBURSEMENTS, EXCLUSIVE OF GENERAL CONTROL AND SUPERVISION, IN WHITE GRADED SCHOOLS FOR THE YEAR ENDING JULY 31, 1923

COUNTY	No. of Teachers	Average No. Belonging	Average Attendance	Salaries	Textbooks	Materials	Other Costs of Instruction	Total Cost of Instruction	Operation	Maintenance	Auxiliary Agencies	Total Current Expense	Capital Outlay
Allegany	221.6	8,306.0	7,503.0	$283,962.53	$10,656.28	*$6,106.76	*$235.85	$300,961.42	$31,367.29	$2,691.56	$3,779.68	$338,799.95	$226,355.21
Anne Arundel	81.7	3,069.9	2,657.2	85,457.53	3,549.60	*721.20	*1,355.02	91,083.35	12,923.86	3,105.66	13,567.30	120,680.17	142,151.41
Baltimore	189	8,211.1	6,995.3	284,036.70	6,418.60	4,104.57	----------	294,559.87	32,242.99	16,629.16	22,883.65	366,315.67	74,614.12
Calvert	----	------	------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Caroline	37	1,468.0	1,282.0	32,613.20	885.13	187.17	175.00	33,860.50	5,548.63	1,006.97	4,459.00	44,875.10	468.04
Carroll	68.5	2,157.7	1,786.4	65,458.45	2,725.00	692.00	476.52	69,351.97	7,324.19	937.45	1,049.99	78,663.60	8,541.88
Cecil	39	1,437.6	1,248.3	44,415.51	1,868.88	294.18	8.20	46,586.77	4,049.58	867.61	1,211.08	52,715.04	8,501.26
Charles	7	232.0	207.0	8,522.63	325.79	35.85	----------	8,884.27	1,234.92	----------	----------	10,119.19	----------
Dorchester	40	1,397.2	1,216.4	39,273.00	1,932.83	220.13	----------	41,425.96	4,304.59	2,421.11	50.00	48,201.66	119.70
Frederick	102.1	3,700.3	3,234.3	107,090.60	*3,176.98	*1,420.10	*1,311.93	112,999.61	14,121.88	2,093.50	2,729.73	131,944.72	29,233.82
Garrett	32	1,031.3	912.5	27,111.99	*2,099.37	*184.32	*12.26	29,407.94	*3,240.21	*9,779.69	43.83	42,471.67	----------
Harford	41.8	1,544.7	1,344.8	41,730.29	1,530.32	599.18	40.03	43,899.82	5,414.03	2,451.94	271.05	52,036.84	3,744.23
Howard	20.6	743.4	641.7	19,897.50	818.32	413.59	413.41	21,542.82	2,198.02	802.79	95.86	24,639.49	1,356.40
Kent	30	907.9	806.7	30,603.60	1,159.04	157.08	223.33	32,143.05	6,146.63	657.81	2,603.25	41,550.74	2,190.72
Montgomery	56.6	1,989.1	1,702.0	69,195.85	4,459.91	2,691.52	316.15	76,663.43	10,562.64	6,254.79	9,137.15	102,618.01	41,825.34
Prince George's	102	3,678.7	3,170.2	100,886.21	9,078.02	796.07	520.00	111,280.30	15,741.60	12,639.94	7,368.44	147,030.28	89,568.04
Queen Anne's	20.2	671.0	601.0	21,774.50	511.00	348.05	618.38	23,251.93	2,058.19	1,034.19	780.42	27,124.73	61.23
St. Mary's	3	106.7	76.9	2,194.00	180.00	30.00	25.00	2,429.00	162.90	184.42	----------	2,776.32	----------
Somerset	40	1,433.5	1,235.6	34,824.30	3,231.36	275.26	703.60	39,034.52	3,087.16	1,163.57	*144.00	43,429.25	----------
Talbot	35.8	1,195.1	1,041.6	34,188.61	742.43	366.84	.51	35,298.39	5,550.85	2,816.38	6,001.09	49,666.71	31,243.25
Washington	164	6,576.5	5,783.4	165,422.81	7,513.69	1,134.25	372.36	174,443.11	15,088.05	3,584.80	2,431.25	195,547.21	23,547.19
Wicomico	56	2,018.8	1,801.6	52,497.21	2,256.27	380.00	78.50	55,211.98	6,635.12	2,459.10	829.07	65,135.27	3,410.27
Worcester	41	1,423.2	1,250.4	36,511.00	*2,130.46	743.83	250.38	39,635.67	4,590.68	1,141.63	5,713.36	51,081.34	----------
Total	1,428.9	53,299.7	46,498.4	$1,587,668.02	$67,249.28	$21,901.95	$7,136.43	$1,683,955.68	$193,594.01	$74,724.07	$85,149.20	$2,037,422.96	$686,932.11
Cost per pupil Belonging	------	------	------	$29.79	$1.26	$0.41	$0.13	$31.57	$3.63	$1.40	$1.61	$38.21	$12.87
Cost per pupil Attending	------	------	------	34.13	1.45	.47	.15	36.18	4.16	1.60	1.86	43.80	14.76

*Estimated.

DISBURSEMENTS EXCLUSIVE OF GENERAL CONTROL IN COLORED ELEMENTARY AND HIGH SCHOOLS FOR THE YEAR ENDING JULY 31, 1923.

COUNTY	No. of Teachers	Average No. Belonging	Average Attendance	Salaries and Expenses of Supervision	Salaries of Teachers	Textbooks	Materials of Instruction	Other Costs of Instruction	Total Cost of Supervision and Instruction	Operation of School Plant	Maintenance of School Plant	Auxiliary Agencies	Total Current Expenses	Capital Outlay
Allegany, El	6	238.2	208.7	----------	$7,328.25	$160.60	$26.11	$3.40	$7,818.36	$873.57	$94.63	$0.82	$8,787.38	$421.00
High	4	35.2	32.9	----------	5,879.00	118.84	50.18	2.65	6,050.67	704.33	28.47	10.83	6,794.30	430.50
Anne Arundel, El	60	2,517.0	1,792.5	$1,580.57	29,987.98	2,893.84	2.91	1.78	34,467.08	3,013.68	2,019.23	----------	39,499.99	14,090.28
High	5	54.2	48.1	----------	4,600.00	87.62	128.76	----------	4,816.38	659.46	----------	----------	5,475.84	2,862.45
Baltimore	45	1,694.4	1,279.5	----------	51,147.66	1,214.48	711.70	----------	53,073.84	5,060.47	2,176.20	1,503.28	61,813.79	33,778.67
Calvert	24.6	1,117.1	729.5	470.00	9,324.17	360.54	164.55	----------	10,319.26	427.60	270.23	----------	11,017.09	82.00
Caroline, El	27	1,003.0	766.0	742.11	11,328.63	422.65	319.00	60.00	12,872.39	1,935.55	845.88	----------	15,653.82	----------
High	1.4	16.4	14.1	----------	988.05	35.25	460.46	----------	1,483.76	73.20	----------	----------	1,556.96	----------
Carroll	12.4	382.6	275.8	589.27	6,393.82	323.00	232.84	25.00	7,563.93	845.20	257.83	450.90	9,117.86	----------
Cecil	18.4	498.5	374.9	701.07	11,746.23	657.43	249.42	236.07	13,590.22	1,297.13	422.26	255.61	15,565.22	25.00
Charles, El	36	1,502.7	1,044.6	750.00	14,387.33	1,960.20	173.37	135.00	17,405.90	770.79	293.00	----------	18,469.69	5,224.95
High	1.5	14.0	12.4	----------	1,140.00	36.00	71.66	5.24	1,252.90	24.00	----------	----------	1,276.90	----------
Dorchester, El	51	1,656.6	1,214.8	744.99	19,696.82	1,272.05	----------	----------	21,713.86	1,858.74	1,270.34	----------	24,842.94	1,352.48
High	3.4	73.0	63.8	----------	2,632.35	262.47	333.51	----------	3,228.33	468.15	200.80	----------	3,897.28	----------
Frederick, El	35	1,044.9	884.2	1,059.18	17,052.75	992.63	410.56	----------	19,515.12	2,378.32	834.61	276.45	23,004.50	252.95
High	2.2	48.3	43.7	----------	1,864.00	36.77	70.18	----------	1,970.95	98.71	60.32	104.86	2,234.84	14,147.61
Harford	26.4	830.6	664.2	720.00	14,496.95	715.97	138.88	29.50	16,101.30	1,041.97	374.49	261.46	17,779.22	6,668.67
Howard	17.6	737.1	523.4	400.28	8,230.47	580.95	15.95	----------	9,227.65	718.65	286.74	----------	10,233.04	2,488.32
Kent, El	30	974.0	715.0	639.00	12,606.93	577.60	150.75	275.75	14,250.03	1,927.60	426.78	2.00	16,606.41	----------
High	2.4	20.3	17.6	----------	1,616.00	42.00	----------	25.00	1,683.00	136.27	28.62	----------	1,847.89	----------
Montgomery	36.2	1,610.5	1,303.9	1,485.57	18,386.55	454.00	364.13	26.28	20,716.53	1,927.12	1,023.47	72.00	23,739.12	----------
Prince George's	59.4	2,477.6	1,891.1	1,345.42	32,011.29	2,254.47	472.85	88.00	36,172.03	3,951.97	2,251.62	23.75	42,398.77	26,114.27
Queen Anne's	22.4	923.0	678.0	709.00	10,714.80	296.90	333.89	9.48	12,064.07	825.47	327.29	----------	13,216.84	65.00
St. Mary's	35	1,186.9	747.5	1,038.71	12,202.36	890.60	394.43	148.00	14,674.10	852.70	616.27	----------	16,143.07	103.34
Somerset	45	2,105.0	1,695.3	1,216.00	19,471.90	1,772.20	324.34	325.00	23,109.44	1,469.40	433.13	----------	25,011.97	294.23
Talbot, El	33	1,236.7	1,048.4	772.02	15,478.11	667.41	143.94	----------	17,061.48	2,237.98	596.24	----------	19,895.80	1,213.79
High	2.4	34.0	29.7	----------	1,960.00	147.48	388.66	184.77	2,680.91	111.61	30.62	----------	2,823.14	13.57
Washington	12	339.0	277.0	----------	7,845.00	----------	114.00	33.32	7,992.32	726.35	----------	----------	8,718.67	----------
Wicomico, El	37	1,483.3	1,257.8	1,241.53	17,815.08	754.64	55.36	----------	19,866.61	1,447.42	768.56	26.52	22,109.11	3,740.83
High	4	105.0	95.1	----------	3,144.10	116.27	221.45	2.25	3,484.07	766.05	767.17	71.58	5,088.87	34.81
Worcester	42.4	1,718.6	1,376.9	1,075.00	17,055.45	*994.98	231.01	50.00	19,406.44	2,076.08	661.81	----------	22,144.33	6,107.13
All Counties, El	711.8	27,277.3	20,746.0	$17,279.72	$364,708.53	$20,517.14	$5,029.99	$1,446.58	$408,981.96	$37,663.76	$16,250.11	$2,872.79	$465,768.62	$102,028.91
High	26.3	400.4	357.4	----------	23,823.50	882.79	1,724.86	219.91	26,650.97	3,041.78	1,116.00	187.27	30,996.02	17,488.94
Baltimore City, Elementary	368	14,031.0	12,276.0	8,259.67	605,475.84	16,282.90	6,881.57	2,415.91	639,315.89	64,575.28	‡79,622.57	a27,711.11	811,224.85	†10,000.90
High	50	1,336.0	1,186.0	----------	87,284.29	6,572.34	3,753.13	2,300.56	99,910.12	7,231.22	‡24,521.62	a6,364.74	138,027.70	224,176.49
Maryland, Elementary	1,079.8	41,308.3	33,022.0	$25,539.39	$970,184.37	$36,800.04	$11,911.56	$3,862.49	$1,048,297.85	$102,239.04	$95,872.68	$30,583.90	$1,276,993.47	$112,119.81
High	76.3	1,736.4	1,543.4	----------	111,107.79	7,455.04	5,477.99	2,520.27	126,561.09	10,273.00	25,637.62	6,552.01	169,023.72	241,665.43

* Estimated.
† Estimated expenditure of $10,000 by Public Improvement Commission.
‡ Estimated expenditures in elementary schools of $5,400, and in senior high school of $18,880 by Inspector of Public Buildings. Remainder of repairs and rent disbursed by School Commissioners.

DO NOT CIRCULATE

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UNIV. OF MD. COLLEGE PARK

DO NOT CIRCULATE

DO NOT CIRCULATE